Bulletin of

Northwestern University

General Catalogue 1905-1906

Volume IV
Number IV
February, 1906

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BULLETIN OF

Northwestern University

GENERAL CATALOGUE

1905-1906

EVANSTON—CHICAGO
PUBLISHED BY THE UNIVERSITY
1906

The Bowman Publishing Co., Printers

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JANUARY.

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CALENDAR FOR 1906-1907.

THE COLLEGE OF LIBERAL ARTS.

1906.

January 25,	Thursday, Day of Prayer for Colleges.
January 28,	Sunday, **Founders' Day.**
February 7,	Wednesday, Regular Mid-year Examinations begin.
February 15,	Thursday, Additional Examinations.
February 16,	Friday, **Second Semester begins.**
February 19,	Monday, Second Examinations.
February 20,	Tuesday, Class-work resumed, 8 o'clock, a. m.
February 20, 21, 22,	Tuesday, Wednesday, Thursday, **Registration Days.**
February 22,	Thursday, Washington's Birthday.
February 23,	Friday, Sargent Prize Contest.
March 2,	Friday, Kirk Prize Oratorical Contest.

EASTER RECESS, FROM FRIDAY, APRIL 13, TO MONDAY, APRIL 16, INCLUSIVE.

April 16,	Monday, Second Examinations.
April 28,	Saturday, Last day for the presentation of theses for Advanced Degrees.
May 7,	Monday, Presentation of Harris Prize theses.
May 19,	Saturday, Examination of candidates for Advanced Degrees.
May 30,	Wednesday, Memorial Day.
June 6,	Wednesday, Regular examinations begin.
June 15,	Friday, Additional Examinations.
June 17,	Sunday, Baccalaureate Address.
June 18,	Monday, Class Day.
June 19,	Tuesday, Meeting of the Board of Trustees. Annual Meeting of the Phi Beta Kappa Society.
June 20,	Wednesday, Alumni Day.
June 21,	Thursday, **Forty-Eighth Commencement.**

SUMMER VACATION, FROM FRIDAY, JUNE 22, TO SUNDAY, SEPTEMBER 23, INCLUSIVE.

September 24,	Monday, **Academic Year 1906-07 begins.**
September 24, 25,	Monday and Tuesday, Examinations for Admission.
September 25, 26, 27,	Tuesday, Wednesday, Thursday, Registration Days.
September 26,	Wednesday, Second Examinations.
September 27,	Thursday, Class-work begins, 8 o'clock, a. m.

THANKSGIVING RECESS, FROM THURSDAY, NOVEMBER 29, TO SUNDAY, DECEMBER 2, INCLUSIVE.

CHRISTMAS RECESS, FROM FRIDAY, DECEMBER 21, TO WEDNESDAY, JANUARY 2, INCLUSIVE.

1907.

January 4,	Last day for the presentation of orations for Kirk Prize.
January 28,	Monday, **Founders' Day.**
January 31,	Thursday, Day of Prayer for Colleges.
February 6,	Wednesday, Regular Mid-year Examinations begin.
February 14,	Thursday, Additional Examinations.
February 15,	Friday, **Second Semester begins.**
February 18,	Monday, Second Examinations.
February 19,	Tuesday, Class-work resumed, 8 o'clock, a. m.
February 19, 20, 21,	Tuesday, Wednesday, Thursday, Registration Days.
February 22,	Friday, Washington's Birthday. Sargent Prize Contest.
March 1,	Friday, Kirk Prize Oratorical Contest.

EASTER RECESS, FROM FRIDAY, MARCH 29, TO MONDAY, APRIL 1, INCLUSIVE.

April 1,	Monday, Second Examinations.
April 27,	Saturday, Last day for the presentation of theses for Advanced Degrees.
May 6,	Monday, Presentation of Harris Prize theses.
May 18,	Saturday, Examination of candidates for Advanced Degrees.
May 30,	Thursday, Memorial Day.

June 5,	Wednesday, Regular Examinations begin.
June 14,	Friday, Additional Examinations.
June 16,	Sunday, Baccalaureate Address.
June 17,	Monday, Class Day.
June 18,	Tuesday, Meeting of the Board of Trustees. Annual Meeting of the Phi Beta Kappa Society.
June 19,	Wednesday, Alumni Day.
June 20,	Thursday, **Forty-Ninth Commencement..**

THE MEDICAL SCHOOL.

1906.

January 1,	Monday, Christmas Vacation ends.
January 28,	Sunday, **Founders' Day.**
January 29,	Monday, First Semester Examinations begin.
February 5,	Monday, **Second Semester begins.**
February 22,	Thursday, Washington's Birthday.
May 28,	Monday, Second Semester Examinations begin.
June 20,	Wednesday, Meeting of the Alumni Association.
June 21,	Thursday, **Commencement Day.**

SUMMER VACATION, FROM FRIDAY, JUNE 22, TO MONDAY, OCTOBER 1, INCLUSIVE.

September 28,	Friday, Examinations for Conditioned Students begin.
October 1,	Monday, Examinations for Admission.
October 2,	Tuesday, **Academic Year 1906-07 begins.**
November 29,	Thursday, Thanksgiving Day.

CHRISTMAS RECESS, FROM SATURDAY, DECEMBER 22, TO WEDNESDAY, JANUARY 2, INCLUSIVE.

1907.

January 28,	Monday, **Founders' Day.**
February 4,	Monday, First Semester Examinations begin.
February 11,	Monday, **Second Semester begins.**
February 22,	Friday, Washington's Birthday.
May 27,	Monday, Second Semester Examinations begin.

June 19, Wednesday, Meeting of the Alumni Association.
June 20, Thursday, **Commencement Day.**

THE LAW SCHOOL.

1906.

January 3, Wednesday, Lectures resumed after Christmas recess.
January 25, Thursday, Lectures for the First Semester **close.**
January 28, Sunday, **Founders' Day.**
January 29, Monday, First Semester Examinations begin.
February 3, Saturday, First Semester ends.
February 5, Monday, **Second Semester begins.**
February 12, Monday, Lincoln's Birthday.
February 22, Thursday, Washington's Birthday.
May 26, Saturday, Lectures close.
May 31, Thursday, Second Semester Examinations begin.
June 14, Thursday, Alumni Banquet.
June 21, Thursday, **Commencement Day.**

SUMMER VACATION, FROM FRIDAY, JUNE 22, TO SUNDAY, SEPTEMBER 23, INCLUSIVE.

September 24, Monday, Registration Day for new students.
September 25, Tuesday, Registration Day for applicants for Advanced Standing.
September 26, Wednesday, Registration Day for other Students.
September 27, Thursday, **First Semester begins.**

THANKSGIVING RECESS, FROM THURSDAY, NOVEMBER 29, TO SUNDAY, DECEMBER 2, INCLUSIVE.

CHRISTMAS RECESS, FROM FRIDAY, DECEMBER 21, TO WEDNESDAY, JANUARY 2, INCLUSIVE.

1907.

January 24, Thursday, Lectures for the First Semester close.
January 28, Monday, **Founders' Day.** First Semester Examinations begin.

February 11, Monday, **Second Semester begins.**
February 12, Tuesday, Lincoln's Birthday.
February 22, Friday, Washington's Birthday.
May 30, Thursday, Memorial Day.
June 3, Monday, Second Semester Examinations begin.
June 13, Thursday, Alumni Banquet.
June 20, Thursday, **Commencement Day.**

THE SCHOOL OF PHARMACY.

1906.

January 3, Wednesday, Class-work resumed after Christmas recess.
January 28, Sunday, **Founders' Day.**
February 8, Thursday, Mid-year Graduation Exercises.
February 9, Friday, Registration Day for the Second Semester.
February 12, Monday, Class-work resumed.
June 18, Monday, Summer School opens.
June 21, Thursday, **Annual Commencement.**

SUMMER VACATION, FROM FRIDAY, JUNE 22, TO SUNDAY, SEPTEMBER 23, INCLUSIVE.

September 24, Monday, **Academic Year 1906-07 begins.**
September 25, Tuesday, Registration Day for the First Semester.
September 27, Thursday, Class-work for the year 1906-07 begins.

THANKSGIVING RECESS, FROM THURSDAY, NOVEMBER 29, TO SUNDAY, DECEMBER 2, INCLUSIVE.

CHRISTMAS RECESS, FROM FRIDAY, DECEMBER 21, TO WEDNESDAY, JANUARY 2, INCLUSIVE.

1907.

January 28, Monday, **Founders' Day.**
February 7, Thursday, Mid-year Graduation Exercises.
February 8, Friday, Registration Day for the Second Semester.
June 17, Monday, Summer School opens.
June 20, Thursday, **Annual Commencement.**

THE DENTAL SCHOOL.

1906.

January 3,	Wednesday, Christmas Vacation ends.
January 28,	Sunday, **Founders' Day.**
January 30,	Tuesday, Mid-term Examinations begin.
February 7,	Wednesday, Second Semester begins.
February 22,	Thursday, Washington's Birthday.
May 15,	Tuesday, Senior Examinations begin.
May 22,	Tuesday, Lower Class Examinations begin.
May 31,	Thursday, Graduating Exercises.

SUMMER VACATION, FROM FRIDAY, JUNE 1, TO MONDAY, OCTOBER 1, INCLUSIVE.

October 1,	Monday, Examination of Credentials for Admission begins.
October 2,	Tuesday, **Academic year 1906-07 begins,** Examinations for Advanced Standing begin.
November 29,	Thursday, Thanksgiving Day.

CHRISTMAS RECESS, FROM FRIDAY, DECEMBER 21, TO WEDNESDAY, JANUARY 2, INCLUSIVE.

1907.

January 3,	Thursday, Class-work resumed.

THE SCHOOL OF MUSIC.

1906.

January 25,	Thursday, Day of Prayer for Colleges.
January 28,	Sunday, **Founders' Day.**
February 7,	Wednesday, Regular Examinations begin.
February 14,	Wednesday, Second Term ends.
February 15,	Thursday, Third Term begins.
April 18,	Wednesday, Third Term ends.
April 19,	Thursday, Fourth Term begins.
June 7,	Thursday, Regular Examinations begin.
June 14,	Thursday, **Annual Concert and Graduating Exercises.**
June 20,	Wednesday, Fourth Term ends.
June 21,	Thursday, **Commencement Day.**

SUMMER VACATION, FROM FRIDAY, JUNE 22, TO MONDAY, SEPTEMBER 24, INCLUSIVE.

September 25, 26, Tuesday, Wednesday, Examinations for Admission to Regular Courses.
September 27, Thursday, First Term begins.
November 28, Wednesday, First Term ends.

THANKSGIVING RECESS, FROM THURSDAY, NOVEMBER 29, TO SUNDAY, DECEMBER 2, INCLUSIVE.

December 3, Monday, Second Term begins.

CHRISTMAS RECESS, FROM FRIDAY, DECEMBER 21, TO THURSDAY, JANUARY 3, INCLUSIVE.

1907.
January 28, Monday, **Founders' Day.**
January 31, Thursday, Day of Prayer for Colleges.
February 6, Wednesday, Regular Examinations begin.
February 13, Wednesday, Second Term ends.
February 14, Thursday, Third Term begins.
April 17, Wednesday, Third Term ends.
April 18, Thursday, Fourth Term begins.
June 6, Thursday, Regular Examinations begin.
June 13, Thursday, **Annual Concert and Graduating Exercises.**
June 19, Wednesday, Fourth Term ends.
June 20, Thursday, **Commencement Day.**

GARRETT BIBLICAL INSTITUTE.

1906.
January 8, Monday, Christmas Recess closes.
January 9, Tuesday, **Second Term begins.**
May 9, Wednesday, **Commencement Day.**

SUMMER VACATION, FROM THURSDAY, MAY 10, TO TUESDAY, SEPTEMBER 11, INCLUSIVE.

September 12, Wednesday, Registration Day.
September 13, Thursday, **First Term begins.**

CHRISTMAS RECESS, FROM FRIDAY, DECEMBER 21, TO MONDAY, JANUARY 7, INCLUSIVE.

1907.
January 8, Tuesday, **Second Term begins.**

DEPARTMENTS OF THE UNIVERSITY.

The University comprises the following departments, each having a distinct Faculty of Instruction:

THE COLLEGE OF LIBERAL ARTS.
THE MEDICAL SCHOOL.
THE LAW SCHOOL.
THE SCHOOL OF PHARMACY.
THE DENTAL SCHOOL.
THE SCHOOL OF MUSIC.

The College of Liberal Arts and the School of Music are in Evanston; the professional schools are in Chicago.

The University maintains the following non-degree-conferring departments:

THE EVANSTON ACADEMY, at Evanston.
GRAND PRAIRIE SEMINARY, at Onarga, Illinois.
THE ELGIN ACADEMY, at Elgin, Illinois.

Garrett Biblical Institute, a theological school of the Methodist Episcopal Church, is established on its own foundation and under separate management on the University Campus in Evanston. It is authorized by its charter to confer degrees in divinity, and is in close coöperation with the University. The Norwegian-Danish Theological School in Evanston is affiliated with Garrett Biblical Institute.

The Swedish Theological Seminary occupies its own building on the Campus in Evanston.

The Cumnock School of Oratory is conducted on the University Campus, under a separate administration.

Evanston is the suburb of Chicago adjoining it on the north and stretching along the shore of Lake Michigan. It has a population of about twenty thousand. The University Campus lies directly on the lake shore, about two miles from the northern limits of Chicago. The charter of the University prohibits the sale of intoxicating liquors within four miles of the University.

ADMINISTRATIVE OFFICERS.

THE UNIVERSITY.

Acting President, THOMAS FRANKLIN HOLGATE, PH.D., LL.D.,
Office, University Hall, Evanston.
Chicago Office, Northwestern University Building, Lake and Dearborn Streets, Chicago.

Business Manager, WILLIAM ANDREW DYCHE, A.M.,
Office, 518 Davis Street, Evanston.
Chicago Office, Northwestern University Building, Lake and Dearborn Streets, Chicago.

COLLEGE OF LIBERAL ARTS.

Dean, THOMAS FRANKLIN HOLGATE, PH.D., LL.D.,
Registrar, WILLIAM ABBOTT OLDFATHER, A.M.,
Offices, University Hall, Evanston.

MEDICAL SCHOOL.

Dean, NATHAN SMITH DAVIS, A.M., M.D.,
Junior Dean, WINFIELD SCOTT HALL, A.M., M.D., PH.D.,
Secretary, CHARLES LOUIS MIX, A.M., M.D.,
Offices, 2431 Dearborn Street, Chicago.

LAW SCHOOL.

Dean, JOHN HENRY WIGMORE, A.M., LL.B.,
Secretary, FREDERIC BEERS CROSSLEY, LL.B.,
Offices, Northwestern University Building, Lake and Dearborn Streets, Chicago.

SCHOOL OF PHARMACY.

Dean, OSCAR OLDBERG, PHARM.D.,
Secretary, DAVID CHARLES ECCLES, A.M.,
Offices, Northwestern University Building, Lake and Dearborn Streets, Chicago.

DENTAL SCHOOL.

Dean, GREENE VARDIMAN BLACK, M.D., LL.D.,
Secretary, CHARLES R. E. KOCH, D.D.S.,
Offices, Northwestern University Building, Lake and Dearborn Streets, Chicago.

SCHOOL OF MUSIC.

Dean, PETER CHRISTIAN LUTKIN, MUS.D.,
Secretary, IRVING HAMLIN,
Offices, Music Hall, Evanston.

EVANSTON ACADEMY.

Principal, ARTHUR HERBERT WILDE, PH.D.,
Office, Fisk Hall, Evanston.

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THE UNIVERSITY.

ORGANIZATION AND GOVERNMENT.

A meeting to consider the project to found a university in the vicinity of Chicago was held in that city on May 31, 1850, and was attended by the following named persons: R. H. Blanchard, J. K. Botsford, Andrew J. Brown, Henry W. Clark, John Evans, Grant Goodrich, Zadoc Hall, Richard Haney, and Orrington Lunt. It was unanimously agreed that "the interests of Christian learning demand the immediate establishment of a University in the Northwest." A Committee was accordingly appointed to secure a charter from the General Assembly of Illinois, which charter was approved by the Governor of the State on January 28, 1851, and reads as follows:

AN ACT TO INCORPORATE THE NORTHWESTERN UNIVERSITY.

SECTION I. *Be it enacted by the People of the State of Illinois, represented in the General Assembly:* That Richard Haney, Philo Judson, S. P. Keyes, and A. E. Phelps, and such persons as shall be appointed by the Rock River Annual Conference of the Methodist Episcopal Church to succeed them in the said office; Henry Summers, Elihu Springer, David Brooks, and Elmore Yocum, and such persons as shall be appointed by the Wisconsin Annual Conference of said church to succeed them; four individuals, if chosen, and such persons as shall be appointed to succeed them by the Michigan Annual Conference of said church; four individuals, if chosen, and such persons as shall be appointed to succeed them by the North Indiana Annual Conference of said church; H. W. Reed, I. I. Stewart, D. N. Smith, and George M. Teas, and such persons as shall be appointed to succeed them by the Iowa Annual Conference of said church; four individuals, and if chosen, such persons as shall be appointed to succeed them by the Illinois Annual Conference of said church; A. S. Sherman, Grant Goodrich, Andrew J. Brown, John Evans, Orrington Lunt, J. K. Botsford, Joseph Kettlestrings, George F. Foster, Eri Reynolds, John M. Arnold, Absalom Funk, and E. B. Kingsley, and such persons, citizens of Chicago or its vicinity, as shall be appointed by the Board of Trustees hereby constituted to

succeed them, be, and they are hereby created and constituted a body politic and corporate, under the name and title of the *Trustees of the Northwestern University*, and henceforth shall be styled and known by that name, and by that name and style to remain and have perpetual succession, with power to sue and be sued, plead and be impleaded, to acquire, hold, and convey property, real, personal, or mixed, in all lawful ways; to have and use a common seal and to alter the same at pleasure; to make and alter from time to time such by-laws as they may deem necessary for the government of said institution, its officers and servants, provided such by-laws are not inconsistent with the constitution and laws of this State and of the United States, and to confer on such persons as may be considered worthy such academical or honorary degrees as are usually conferred by similar institutions.

SECTION II. The term of office of said Trustees shall be four years, but that of one member of the Board for each conference enjoying the appointing power by this act, and the term of three of the members whose successors are to be appointed by the Board hereby constituted, shall expire annually; the term of each member of the Board herein named to be fixed by lot at the first meeting of said Board, which Board shall, in manner above specified, have perpetual succession, and shall hold the property of said institution solely for the purposes of education, and not as a stock for the individual benefit of themselves or any contributor to the endowment of the same; and no particular religious faith shall be required of those who become students at the institution. Nine members shall constitute a quorum for the transaction of any business of the Board, except the appointment of President or Professor, or the establishment of chairs in said institution, and the enactment of by-laws for its government, for which the presence of a majority of the Board shall be necessary.

SECTION III. Said Annual Conferences of the Methodist Episcopal Church, under whose control and patronage said University is placed, shall each also have the right to appoint annually two suitable persons, members of their own body, visitors to said University, who shall attend the examination of students, and be entitled to participate in the deliberations of the Board of Trustees, and enjoy all the privileges of members of said Board except the right to vote.

SECTION IV. Said institution shall remain located in or near the City of Chicago, Cook County, and the corporators and their successors shall be competent in law or equity to take to themselves, in their said corporate name, real, personal, or mixed estate, by gift, grant, bargain and sale, conveyance, will, devise, or bequest of any person or persons whosoever; and the same estate, whether real, personal, or mixed, to grant, bargain, sell, convey, devise, let, place out at interest, or otherwise dispose of the same for the use of said institution in such manner as to them shall seem most beneficial to said institution. Said cor-

poration shall faithfully apply all the funds collected or the proceeds of the property belonging to the said institution, according to their best judgment, in erecting and completing suitable buildings, supporting necessary officers, instructors, and servants, and procuring books, maps, charts, globes, and philosophical, chemical, and other apparatus necessary to the success of the institution, and do all other acts usually performed by similar institutions that may be deemed necessary or useful to the success of said institution, under the restrictions herein imposed: *Provided*, nevertheless, that in case any donation, devise, or bequest shall be made for particular purposes accordant with the design of the institution, and the corporation shall accept the same, every such donation, devise, or bequest shall be applied in conformity with the express conditions of the donor or devisor: *Provided, further*, that said corporation shall not be allowed to hold more than two thousand acres of land at any one time unless the said corporation shall have received the same by gift, grant, or devise; and in such case they shall be required to sell or dispose of the same within ten years from the time they shall acquire such title; and on failure to do so, such lands over and above the before-named two thousand acres shall revert to the original donor, devisor, or their heirs.

SECTION V. The treasurer of the institution and all other agents when required, before entering upon the duties of their appointment, shall give bond for the security of the corporation in such penal sums and with such securities as the corporation shall approve, and all process against the corporation shall be by summons, and the service of the same shall be by leaving an attested copy thereof with the treasurer at least sixty days before the return day thereof.

SECTION VI. The corporation shall have power to employ and appoint a President or Principal for said institution, and all such professors or teachers and all such servants as may be necessary, and shall have power to displace any or such of them as the interest of the institution may require, to fill vacancies which may happen by death, resignation, or otherwise, among said officers and servants, and to prescribe and direct the course of studies to be pursued in said institution.

SECTION VII. The corporation shall have power to establish departments for the study of any and all the learned and liberal professions in the same, to confer the degree of doctor in the learned arts and sciences and *belles-letters*, and to confer such other academical degrees as are usually conferred by the most learned institutions.

SECTION VIII. Said corporation shall have power to institute a board of competent persons, always including the faculty, who shall examine such individuals as may apply, and if such applicants are found to possess such knowledge pursued in said institution as in the judgment of said board renders them worthy, they may be considered graduates in course, and shall be entitled to diplomas accordingly on paying such fee as the corporation

shall affix, which fee, however, shall in no case exceed the tuition bills of the full course of studies in said institution; said examination board may not exceed the number of ten, three of whom may transact business, provided one be of the faculty.

SECTION IX. Should the corporation at any time act contrary to the provisions of this charter, or fail to comply with the same, upon complaint being made to the Circuit Court of Cook County, a *scire facias* shall issue, and the circuit attorney shall prosecute in behalf of the people of this State for forfeiture of this charter.

This act shall be a public act, and shall be construed liberally in all courts, for the purposes herein expressed.

SIDNEY BREESE,
Speaker of the House of Representatives.

WILLIAM McMURTRY,
President of the Senate.

Approved, January 28, 1851.

A. C. FRENCH, *Governor.*

The charter thus granted was amended by an act approved February 14, 1855, which reads as follows:

AN ACT TO AMEND AN ACT ENTITLED "AN ACT TO INCORPORATE THE NORTHWESTERN UNIVERSITY," APPROVED JANUARY 28, 1851.

SECTION I. *Be it enacted by the People of the State of Illinois, represented in the General Assembly:* That John L. Smith, Aaron Wood, Luther Taylor, and Wm. Graham, and such other persons as shall be elected to succeed them by the Northwestern Indiana Conference of the Methodist Episcopal Church, be, and they are hereby, constituted members of the Board of Trustees of the Northwestern University.

SECTION II. No spirituous, vinous, or fermented liquors shall be sold, under license or otherwise, within four miles of the location of said University, except for medicinal, mechanical, and sacramental purposes, under penalty of twenty-five dollars for each offense, to be recovered before any Justice of the Peace of said County of Cook: *Provided,* That so much of this act as relates to the sale of intoxicating drinks within four miles may be repealed by the General Assembly whenever they may think proper.

SECTION III. The said incorporation shall have power to take, hold, use and manage, lease and dispose of all such property as may in any manner come to said corporation charged with any trust or trusts, in conformity with such trusts and directions, and to execute all such trusts as may be confided to it.

SECTION IV. That all property of whatever kind or description, belonging to or owned by said corporation, shall be forever free from taxation for any and all purposes.

SECTION V. This act shall be public, and take effect from and after its passage.

THOMAS J. TURNER,
Speaker of the House of Representatives.

G. KOERNER,
President of the Senate.

Approved, February 14, 1855.
J. A. MATTESON, *Governor.*

The charter was amended a second time by an act approved February 16, 1861, which reads as follows:

AN ACT TO AMEND AN ACT ENTITLED "AN ACT TO INCORPORATE THE NORTHWESTERN UNIVERSITY."

SECTION I. *Be it enacted by the People of the State of Illinois, represented in the General Assembly:* That the Annual Conferences of the Methodist Episcopal Church, which now are or may hereafter be authorized to elect or appoint Trustees of said University, shall hereafter elect only two Trustees each, who shall also be and perform the duties of the visitors to said institution, and the place of the two Trustees last appointed by each conference is hereby vacated. The Trustees elected by such conferences shall hereafter hold their office for two years, and until their successors are chosen, the term of one elected by each of them expiring annually. In case any conference having authority to elect Trustees shall now or hereafter be divided into two or more annual conferences, they shall each have authority to elect Trustees. On the request of the Board of Trustees, made at a regular meeting, any such Annual Conference may elect Trustees as herein provided.

SECTION II. Any annual conference electing Trustees as herein provided, having at any time refused to elect successors thereto, or resolving to discontinue or refuse its patronage to said institution, shall authorize the Board of Trustees, by a vote of the majority thereof at any regular meeting, to declare vacant the place of all Trustees appointed by such conference, and its right to appoint Trustees shall thereupon cease.

SECTION III. Any chartered institution of learning may become a department of this University by agreement between the Boards of Trustees of the two institutions.

SECTION IV. This act shall take effect and be in force from and after its passage.

SHELBY M. CULLOM,
Speaker of the House of Representatives.

FRANCIS A. HOFFMAN,
President of the Senate.

Approved, February 16, 1861.
RICHARD YATES, *Governor.*

A third amendment was made by an act approved February 19, 1867, which reads as follows:

AN ACT TO AMEND AN ACT ENTITLED "AN ACT TO INCORPORATE THE NORTHWESTERN UNIVERSITY," AND THE SEVERAL ACTS AMENDATORY THERETO.

SECTION I. *Be it enacted by the People of the State of Illinois, represented in the General Assembly:* That the name of that Corporation created by act of the General Assembly of the State of Illinois, approved on the 28th day of January, A. D., 1851, under the name of the "Trustees of the Northwestern University," be and the same is hereby changed to "Northwestern University," and by that name shall hereafter be known, and in and by such name shall have and exercise all the powers and immunities conferred on said corporation by said act of incorporation, and all acts amendatory thereof.

SECTION II. In addition to the number of Trustees heretofore provided for by law, the Board may elect any number, not exceeding twenty-four, and without reference to their several places of residence; and a majority of the whole Board shall be members of the Methodist Episcopal Church.

SECTION III. No greater number shall be required to constitute a quorum than has been heretofore required by law: *Provided,* That in all called meetings of the Board the object of the meeting shall be particularly specified in the notice to be previously given to each Trustee.

SECTION IV. This act shall be a public act, and in force from and after its passage.

F. CORWIN,
Speaker of the House of Representatives.
WM. BROSS,
President of the Senate.

Approved, February 19, 1867.
R. J. OGLESBY, *Governor.*

By its charter and the several amendments thereto the government of the University thus founded is vested in a Board of thirty-six Trustees elected by the Board, with whom are associated Trustees elected by certain Annual Conferences of the Methodist Episcopal Church, two from each conference. Four conferences avail themselves of the privilege of electing Trustees, thus increasing the total number to forty-four. The Board elects professors and instructors, manages the property of the corporation, and determines the general policy of the institution.

UNIVERSITY STATUTES.

The following statutes of the University have been adopted by the Trustees, and are operative:

I. The President. The President of the University shall be the head of the educational departments of the University, and of each of them. He shall see that all the rules and regulations prescribed by the Board of Trustees or the Executive Committee for the government of the University are faithfully observed. He shall exercise such general executive powers as are necessary to the good government of the University and the protection of its interests, and are not otherwise provided for. It shall be his duty to nominate to the Board, officers of instruction, except as otherwise provided, and to see that all officers of instruction are doing a proper amount and a satisfactory quality of work. He shall prepare an annual report on the condition and needs of the University, shall cause the same to be printed, and shall send a copy to each member of the Board prior to its annual meeting.

He shall be, whenever present, the presiding officer of the Faculty of any College or School in the University and shall have the right of a deciding vote in case of a tie. He shall appoint all committees provided for by the Faculty, unless otherwise ordered, and shall call extra meetings of any Faculty, whenever, in his judgment, such meetings may be required by the welfare of the University.

II. Officers of Instruction. The officers of instruction in the University shall have designation and precedence as follows:

1. Professors.
2. Acting Professors.
3. Associate Professors.
4. Assistant Professors.
5. Instructors.
6. Tutors.
7. Lecturers.
8. Such other subordinate officers as may be from time to time appointed.

III. Faculties. The Faculty of any College or School shall be constituted of officers of instruction who are above the rank of Tutor.

Each department of study shall be under the supervision of a Professor or Acting Professor, who shall be the head of the department, and who, subject to the direction of the Faculty, shall have final decision in all matters relating to the work of the department. In case there shall be two or more officers having the rank of Professor in any department, the one first appointed shall have precedence.

Each Faculty shall have power to determine the requirements for the admission of students to such departments of the University as are under its jurisdiction; to prescribe and define the various courses of study for undergraduate and graduate students; to determine, subject to revision by the Board of Trustees, the requirements for such degrees as are offered to students under its jurisdiction; to enact and enforce such rules for the guidance and government of its own students as it may deem best adapted to the interests of the University.

There shall be elected by the Board of Trustees, or the Executive Committee, a Dean of each School or College, whose duty it shall be to preside at all meetings of the Faculty of such School or College in the absence of the President of the University. He shall annually submit to the President of the University, not later than the first day of June, a report of the work of the School or College to which he belongs, with such recommendations as he may deem advisable. The report so submitted may be made a part of the President's annual report to the Board of Trustees.

Each Faculty may present at any meeting of the Board, or of the Executive Committee, a report on any matters concerning the interests of its School or College, which report shall be transmitted through the President of the University.

No officer in the University shall absent himself from the discharge of his proper duties in the University longer than three college days at any one time without securing the previous consent of the President of the University, or the Dean of the School to which said officer of instruction belongs; but this rule shall not be applied in case of absence occasioned by sickness or by death of relatives.

A Committee for the Regulation of Athletic Sports shall hereafter be annually appointed and chosen as follows: Three members of the University Faculties and three alumni of the University, these six to be appointed by the Executive Committee; and also three undergraduates to be chosen during the first week of the College of Liberal Arts year by the Athletic Association. This committee shall have entire supervision and control of all athletic exercises within and without the precincts of the University, subject to the authority of the Faculty of Liberal Arts.

IV. Duties and Discipline of Students. All students are required to obey the rules of the University, to comply with the rules and regulations made by the Faculty of the School or College to which they belong, and to conduct themselves at all times with decorum and propriety.

Any student who is sent for by the President or any officer of instruction of the Faculty under which he is enrolled shall comply with the call without delay, and students must at all times

obey the directions of the President or any officer of instruction in the School or College to which they belong, pertaining to good order in the institution.

A student may be suspended, dismissed, or expelled by a vote of two-thirds of the Professors of the Faculty of the School or College in which he is a member, provided always that, prior to such contemplated suspension, dismission, or expulsion, he be granted the right to a full and impartial hearing before the Faculty, and in all cases of discipline contemplating suspension, dismission, or expulsion the vote shall be by ballot. In the Academy this power of discipline shall belong to the Faculty of Liberal Arts.

Concerted absence from any appointed duty by a class, or by any number of students together, will be regarded as a violation of good order, and will be followed by suspension, dismission, or expulsion, at the discretion of the Faculty.

When any Faculty shall become satisfied that a student is not fulfilling the purpose of his residence at the University, or is for any cause an unfit member thereof, the President shall notify his parents or guardians, that they may have an opportunity to withdraw him, and if he is not withdrawn within a reasonable time he shall be dismissed.

Students of societies in the University are forbidden to invite any lecturer to address them in public until the name of the proposed lecturer shall have been presented to the President of the University, or to the Dean of the School to which such students or societies belong, and his permission to extend the invitation has been obtained.

Publication by any student or students of any paper or production bearing the name of the University, or purporting to issue from it, is forbidden, unless the publication is previously approved by the President.

Women students in the College of Liberal Arts or in the Academy, who are not residents of Evanston, are required to live in Woman's Hall or in the College Cottage, unless special permission shall be granted them to live elsewhere. Application for such permission shall be made to a committee which shall consist of the President of the University, the Principal of the Academy, the Dean of Women, and the Business Manager of the University.

Excursions upon Lake Michigan in steamers or other vessels by bodies of students in departments of the University situated in Evanston, shall not be planned or carried out without the consent of the President, or the Executive Committee, which consent shall not be given until all possible precautions for the safety of the excursion party have been taken under the direction of a competent University representative.

The Oxford cap and gown shall be worn as an official dress at Commencement.

V. Graduation. All degrees in this institution, except honorary degrees, shall be conferred by the Board of Trustees on the recommendation of the proper Faculty; honorary degrees may be conferred upon the recommendation of the University Council.

Prior to the Commencement of any School or College, the Faculty thereof shall report to the Board of Trustees, if that Board is in session, the names in full and the places of residence of all students whom they shall recommend for degrees, whereupon the Board shall, in its discretion, pass a resolution to confer the same. In case the Board shall not be in session, the Faculty shall report the names of the aforesaid to the Executive Committee of the Board of Trustees, who shall recommend that the President confer the degrees and report the same to the Board of Trustees for its approval.

For the recommendation of students to degrees by the different Faculties, all votes shall be by ballot. All candidates for degrees, except honorary degrees, shall be personally present at Commencement exercises, unless the Board or Executive Committee, on the recommendation of the appropriate Faculty, shall deem it proper to confer the degree in the absence of the candidate; and the candidate shall perform such public duties on Commencement day as the Faculty may designate.

The name of no person shall be presented for a degree till all his dues to the University are paid. No fee shall be charged for an honorary degree. All degrees shall be conferred by the President on the authority of the Board of Trustees.

No duplicate diplomas shall be granted to graduates of the University without such proof of the loss of the original by affidavit or otherwise as shall be satisfactory to the Executive Committee.

VI. The University Council. The President of the University, together with the Dean of each Faculty, and another member thereof elected annually by the Faculty, shall constitute the University Council.

The University Council shall meet on the day preceding the annual meeting of the Board of Trustees, and at such other times as the President of the University may designate.

The University Council may consider such matters as pertain to the interests of the University as a whole, and may make recommendations concerning the same to the Board of Trustees.

The University Council may recommend to the Board of Trustees the person or persons upon whom they may think it fitting that honorary degrees should be conferred.

HISTORY AND DEVELOPMENT.

The College of Liberal Arts was the first department of the University to be organized. It was opened to students on November the 5th, 1855. It is situated in the city of Evanston, on the University Campus, with dormitories for women on Willard Hall Campus conveniently near. The courses of study offered in the College are designed to afford a broad and liberal culture without direct reference to a professional career. They constitute a valuable preliminary to the study of Law, Medicine, Theology, and other professions, and also equip young men and women for the work of teaching in secondary schools and colleges. The curriculum leads to the degree of Bachelor, or Master, of Arts, or Science. Courses are also offered leading to the degree of Doctor of Philosophy.

The Medical School was first organized in 1859 as a department of the Lind University of Chicago, but was reorganized in 1864, as an independent school, under the name of the Chicago Medical College. In 1869 it became affiliated with Northwestern University, retaining, however, its old name until 1891, when that name was changed to Northwestern University Medical School. It was the first Medical School in the United States to enforce a standard of preliminary education, to adopt the longer annual courses of instruction, and to follow a graded curriculum.

The Medical School is in Chicago, on Dearborn street, between Twenty-fourth and Twenty-fifth streets. Its proximity to various hospitals and its immediate connection with Wesley and Mercy Hospitals afford facilities for clinical teaching of high order. The course of study leading to the degree of Doctor of Medicine covers a period of four years.

The Law School was founded in 1859 as a department of the old University of Chicago. In 1873 it was placed under the joint patronage of Northwestern University and

the University of Chicago and assumed the name of Union College of Law. From 1886 to 1891 the School had a separate corporate existence, but in the latter year it was reorganized as a regular department of Northwestern University.

The Law School is in Northwestern University Building at Lake and Dearborn streets, Chicago, and has commodious and handsomely equipped quarters. The course of study leading to the degree of Bachelor of Laws covers a period of three years.

The School of Pharmacy was incorporated in 1886 under the name of the Illinois College of Pharmacy. It was made a department of the University during the same year; in 1891 the name was changed to Northwestern University School of Pharmacy. The work of the school is carried on in the University Building at Lake and Dearborn streets, Chicago.

The course of study in the School of Pharmacy leading to the degree of Graduate in Pharmacy extends through three half-year terms, and that leading to the degree of Pharmaceutical Chemist, through four half-year terms.

The Dental School was organized in 1887 and three years later became a department of the University. In 1896 it absorbed the American Dental College and for some years occupied the building on Franklin and Madison streets, Chicago, formerly occupied by that school. It is now accommodated in the University Building on Lake and Dearborn streets, where it has ample provision for lectures, laboratories, and clinics. The course of study leading to the degree of Doctor of Dental Surgery covers a period of three years.

The School of Music was organized in 1895, and two years later was established in a substantial building erected for its use on the Willard Hall Campus in Evanston. It

offers extensive courses in the practical and theoretical study of music as a part of general culture and in preparation for a professional career.

The Evanston Academy of the University, situated on the campus at Evanston, was organized in 1860. Grand Prairie Seminary at Onarga, Illinois, established in 1863, was affiliated with the University in 1901. The Elgin Academy at Elgin, Illinois, chartered in 1839 and opened in 1856, was affiliated with the University in 1903. These offer courses of study in preparation for admission to College or to a professional school, or for a business or domestic career.

Garrett Biblical Institute, chartered in 1855 as a Theological School of the Methodist Episcopal Church, is situated on the University Campus. It is on a separate foundation and under independent management, but has always been recognized as meeting the needs for a theological school in the University. It offers courses of study leading to the degree of Bachelor of Divinity. With the Institute is affiliated the Norwegian-Danish Theological Seminary in Evanston.

The Swedish Theological Seminary, situated on the University Campus, offers a four years' course of study in Theology.

GROUNDS AND BUILDINGS.

The University Campus in Evanston has an area of about seventy-five acres and is beautifully situated on the shore of Lake Michigan, about two miles from the northern limits of the city of Chicago. On it are placed the buildings of the College of Liberal Arts, Garrett Biblical Institute, the Academy, and the Cumnock School of Oratory. The School of Music and the women's dormitories—

Willard Hall, Pearsons Hall, and Chapin Hall—are on Willard Hall Campus, distant from the University Campus about three minutes' walk.

A detailed statement of the University buildings is given below.

THE COLLEGE OF LIBERAL ARTS.

University Hall, a capacious stone structure of attractive architecture, was erected in 1869. It contains the President's office, the administrative offices of the College, the botanical, geological, and zoölogical laboratories, lecture and recitation rooms, and the private offices of professors.

Fayerweather Hall of Science, erected in 1886, was the gift of the late Mr. D. B. Fayerweather, of New York. It is constructed of stone and red pressed brick, with terra-cotta trimmings. The front is 130 feet, and the depth 60 feet. At the rear are two wings, extending 54 feet, enclosing a court in which the power house for the building is located. The building is divided into two sections, for chemistry and physics, separated by a fireproof wall. The mineralogy section of the museum and the mineralogical laboratories are on the chemistry side of this building.

Orrington Lunt Library Building was erected in 1893. Its erection was made possible by a gift from the late Mr. Orrington Lunt, of Evanston, one of the charter members of the Board of Trustees and for some time its president, supplemented by the gifts of other generous donors. The building is constructed of Bedford limestone and presents a noble and pleasing appearance. Its dimensions are 162 by 73 feet. The main floor contains a room for book storage (directly connected with a second book-room in the basement), the reading room, and the offices of administration. On the second floor there is an auditorium of handsome finish, with seating capacity for five hundred persons, also a large lecture-room now occupied by the Art Collection of the University Guild, recently donated to the University, and other apartments for class, seminary, and office use. In the third story, which extends over the central section of the building, and in the well-lighted basement, there are rooms used for recitations and also for general University purposes.

Dearborn Observatory, a substantial stone structure, was erected in 1888 through the generosity of Mr. James B. Hobbs, of Chicago. Its length from north to south is 81 feet, and its greatest breadth is 71 feet. It includes a dome for the great Equatorial, a Meridian Circle room, a Library, and eight additional rooms, the whole being arranged especially for convenience in carrying on astronomical work.

The great equatorial refracting telescope was made by Alvan Clark & Sons, of Cambridge, Massachusetts, in 1861. It is fitted with driving clock, micrometer, and other appliances necessary for first-class work. The dimensions of the Equatorial are:

Diameter of declination circle, 30 inches, reading by vernier to five minutes, and by two microscopes to ten seconds of arc; diameter of hour circle, 22 inches, reading by vernier to single minutes, and by microscopes to single seconds of time; focal length of telescope, 23 feet; aperture to object glass, 18½ inches.

The meridian circle is of the first class, and was constructed in 1867, by Messrs. A. Repsold & Sons, of Hamburg. This instrument has an object glass of six French inches aperture, and a divided circle of forty inches diameter, reading by four microscopes. In plan of construction it is like Bessel's celebrated Königsberg circle by the same makers, but has some recent improvements in the mode of illuminating the field of view, together with apparatus for registering declinations. Hough's printing and recording chronographs are used for recording meridian observations and other phenomena.

The Observatory has a chronometer (William Bond & Son, No. 279), and three mercurial pendulum clocks.

Old College.—This building, which was the first to be erected by the University, originally stood on the corner of Hinman Avenue and Davis Street, and for many years was the only building which the University used for educational purposes. It was moved to the Campus in 1871, and was enlarged for the use of the Academy. In 1899, when the Academy was transferred to Fisk Hall, it was moved to its present position south of the gymnasium. It has been thoroughly refitted and is used at present for college class-room purposes.

The Gymnasium is a well-lighted, two-story brick building. The basement contains dressing-rooms, lockers, baths for men and for women, and a room for ball-throwing. The exercising-room is 40 by 80 feet, with a height of ceiling of 20 feet, unob-

structed by pillars, leaving ample space for the practice of indoor athletics. It is supplied with light and heavy apparatus for general gymnastic and athletic exercise.

The Central Heating Plant is situated on the lake shore at the rear of the Gymnasium. It has capacity for all the buildings on the lower campus and is adjustable in such a way as to care for new buildings under consideration.

THE MEDICAL SCHOOL.

The Laboratory Building of the Medical School is situated on Dearborn street, between Twenty-fourth and Twenty-fifth streets. It has a frontage of 110 feet, and a depth of 105 feet; is five stories above the basement, and is constructed of cut stone and brick, with terra-cotta trimmings and interior finishing of the best materials and workmanship.

On the first floor are the amphitheater, pathological museum, and the laboratory of physiology and biology. On the second floor are the laboratories of pathology, bacteriology, hygiene, and clinical pathology. On the third floor are large laboratories of histology and embryology with three smaller rooms for original research, equipped with all necessary apparatus. A large lecture-room, room for chemical and physical apparatus, and the private laboratory of the professor of chemistry are on the same floor. On the fourth floor one-half of the entire space is occupied by chemical laboratories for students' practical work, and the other half by the laboratory of physiological chemistry and of pharmacology, with smaller rooms for advanced or original work. On the fifth floor is a large dissecting-room, a room for demonstrating surgical operations, and three smaller rooms for special dissections.

The Museum of the school, located in this building, is furnished with preparations and specimens illustrative of normal, pathological, and comparative anatomy.

Davis Hall stands beside the Laboratory Building. It was erected in the summer of 1893. On the first floor are offices and faculty rooms, a large amphitheater, an apothecary's room, an examination room for the director of the dispensary, and suites of rooms for the dispensary departments of medicine, surgery, orthopedics, and genito-urinary surgery. On the second and third floors there are smaller amphitheaters, and suites of rooms

especially arranged and equipped for the departments of laryngology, gynecology, neurology, pediatrics, otology, ophthalmology, and dermatology. On the fourth floor are the library and reading-room and the suite assigned to the Young Men's Christian Association, comprising an assembly-room and a gymnasium with shower-baths and dressing-rooms.

Wesley Hospital, a modern, well equipped hospital containing two hundred and twenty-five beds, under the patronage of the Methodist Episcopal Church and controlled by a local board, is connected by corridors with Davis Hall. With its laboratories for sterilizing and preparing dressings and instruments, its amphitheaters, its clinical and pathological laboratories, drug room, and morgue; with its sunbaths and suites of private rooms, and with its commodious, light, and well ventilated wards, this institution has reached a high mark in hospital construction and equipment.

LAW, PHARMACY, AND DENTAL SCHOOLS.

Northwestern University Building, in which are located the Law School, School of Pharmacy, and the Dental School, stands at the south-east corner of Lake and Dearborn streets, Chicago. This property was recently acquired by the University at large cost and has been remodeled for the uses of the three schools which are housed in it. The Chicago offices of the President and the Business Manager are on the second floor of the building. The Law School occupies the entire third floor, containing a floor space of some twenty-three thousand square feet. The quarters are commodious and handsomely equipped and include two lecture rooms, a court room, an alumni room, a students' assembly room, several private studies for the school law clubs for similar purposes; also a set of two hundred lockers and the usual office rooms and professors' rooms. The library and reading-room occupy five thousand square feet of floor space. The students' assembly room is spacious and well equipped as a place for rest and conversation.

The School of Pharmacy occupies the whole of the fourth floor and a part of the second floor.

The Dental School occupies the fifth and sixth floors, with chemical laboratories on the second floor, and the great clinic room and the anatomical laboratories on the seventh floor.

This building, situated as it is in the heart of Chicago, affords to the schools located in it unexcelled advantages.

THE SCHOOL OF MUSIC.

Music Hall is situated on Willard Hall Campus, a short distance west of the University Campus. It was originally designed as a home for the School of Music, and was completed in 1897. It is substantially built of stone and brick, surmounted with a tile roof, and finished in pine. The first floor is divided into fourteen teaching and practice rooms, including an office. The second floor contains three additional class-rooms and a well-arranged concert-hall, seating over three hundred. The hall is provided with a large stage, dressing-rooms, a grand piano, and a two-manual pipe-organ with pedals.

THE ACADEMIES.

Fisk Hall, erected in 1898, and dedicated January 28, 1899, is devoted to the work of the University Academy. It is named in honor of Professor Herbert F. Fisk, who was connected with the Academy as Principal from 1873 until 1904. This building, which was the gift of Mr. William Deering, is Romanesque in style, and is a three-story structure of brick and terra-cotta, with stone trimmings and a tile roof. It stands at the south end of the Campus, and has a frontage of 180 feet on Sheridan Road. The woodwork throughout is of quartered oak, and the heating, lighting, and ventilating appointments are excellent.

Grand Prairie Seminary, at Onarga, Illinois, has three buildings, an Auditorium seating six hundred persons, a Recitation Hall, and a Dormitory for women. The campus on which these buildings are situated consists of about six acres of beautifully shaded ground.

Elgin Academy has two well constructed buildings, situated in the most elevated portion of the city of Elgin. The Main Building is a three-story brick structure used for general class-rooms purposes. Lovell Science Hall was erected in 1888 through the generosity of Mrs. Vincent S. Lovell, and is used for the science work of the Academy.

DORMITORIES.

The Men's Dormitory, erected in 1890, is designed to accommodate twenty-eight young men, at a moderate charge for rental. The rooms are, for the most part, in suites, consisting of a study and two well-lighted bedrooms with wardrobes.

Willard Hall is a large edifice of pleasing architecture. Besides a chapel and other public rooms, it contains private apart-

ments for young women, accommodating one hundred and twenty. The rooms are of good size, well lighted and ventilated, and are cheerful and attractive. The building is provided with fire escapes, and is heated by hot water.

Pearsons Hall and Chapin Hall, substantial buildings of brick and stone, are convenient and well furnished homes for women. Each of these halls affords accommodations for about sixty young women, and is under the control of the Woman's Educational Aid Association of Evanston.

GARRETT BIBLICAL INSTITUTE.

Memorial Hall, a handsome structure of pressed brick, was erected on the campus for Garrett Biblical Institute and dedicated in May, 1887. It contains the library and lecture rooms of the Institute. The most attractive part of the interior is the chapel, which has a seating capacity for about five hundred. The windows are adorned with elaborate designs in rich cathedral glass, in harmony with the ideal of the hall, which was erected as a memorial to deceased professors of the Institute and of others well known for interest in theological studies.

Heck Hall, erected in 1867, is a dormitory for theological students. It is a brick building, five stories in height, heated by steam and lighted by electricity. The rooms are in suites consisting of study, bed-room, and wardrobe, and afford very comfortable quarters.

CUMNOCK SCHOOL OF ORATORY.

Annie May Swift Hall.—This building was erected during the year 1895, for work in elocution and oratory. The style of architecture is Venetian. The lower part of the building is of rock-faced Lemont limestone, and the upper stories of buff-colored Roman brick and terra-cotta. The floor is of red tile. The building is heated by steam and lighted by both gas and electricity. It is named in memory of a deceased daughter of the late Mr. Gustavus F. Swift of Chicago, one of the trustees of the University and the largest contributor for the erection of the building. On the first floor are an auditorium, reading-room, and reception rooms. The second story is divided into fifteen rooms for private instruction. The floors and partitions are deadened by an improved system of construction.

LIBRARIES.

The libraries of the University are placed with due regard to the convenience of the several departments using them. The largest collection is that of the COLLEGE OF LIBERAL ARTS, which is housed in the Orrington Lunt Library building on the University campus. While designed especially to meet the needs of the various departments of instruction in the college, this library is at the service of all members of the University, subject to the regulations which apply to students and officers of the college. Persons not connected with the University and desiring to use the library for purposes of study, may be granted library privileges if responsibly introduced. Besides the general collection, which is increasing at the rate of about three thousand volumes a year, the college library includes special collections known as the Greenleaf Collection and the Schneider Collection.

The Greenleaf Collection, the gift in 1870 of the late Mr. Luther L. Greenleaf of Evanston, contains 11,246 volumes, also a large and valuable assortment of unbound dissertations and monographs, chiefly publications of foreign universities and learned societies. It is unusually complete in Greek and Latin classics, every author being represented by the best editions from the earliest to a recent date. It contains also a choice selection of standard works in German and other modern languages. In the subjects of history, philosophy, theology, and the fine arts, there are many works of unique value.

The Schneider Collection, added to the German section of the library in 1898 through the generosity of German citizens of Chicago, numbers 2,533 volumes. It includes many first editions of standard authors. Among its rarities are original prints from the period of the Reformation, and a large collection of annuals (*Musenalmanache* and *Taschenbücher*) of the eighteenth and nineteenth centuries.

THE LIBRARY OF THE MEDICAL SCHOOL, known as the *Alumni Library*, is on the fourth floor of Davis Hall. It has been acquired by purchase, and by donations from students, alumni, and members of the faculty. It contains a large number of reference books and dictionaries, and all of the larger systems of Medicine and Surgery are at the command of the student. Each department of instruction in the School is well represented. All of the

more important recent works in the various departments of instruction are added to the Library as soon as they appear.

The Law School Library is centrally located in the rooms of the school. The space devoted to it is divided into large, well ventilated, and well lighted alcoves, each alcove containing a table and comfortable chairs. The library is well stocked with reports and necessary works of reference, and is being gradually increased. Its equipment makes it pre-eminently adapted to work of investigation.

The Library of the School of Pharmacy is well supplied with carefully selected reference books and the principal current chemical and pharmaceutical journals.

The Library of Garrett Biblical Institute is in Memorial Hall on the University Campus. It has been collected to meet the needs of theological students, and is well selected and conveniently arranged. A rare collection of Methodist literature, the largest and richest collection in existence, was recently given to this library by Mr. William Deering.

The number of bound volumes and pamphlets in the several libraries of the University (January, 1906) is as follows:

	Bound Volumes.	Pamphlets
College of Liberal Arts	60,350	39,500
Dearborn Observatory	1,000	1,000
Medical School	4,900	5,000
Law School	16,000	.....
School of Pharmacy	1,000	1,000
Dental School	2,600	15,000
	85,850	61,500
Garrett Biblical Institute	19,349	4,150
Total	105,199	65,650

In addition to the above library facilities, students residing in Evanston have free use of the Evanston Free Public Library, containing 37,339 volumes. In Chicago students have access to the Chicago Public Library, 312,000 volumes; the John Crerar Library, 150,000 volumes; the Newberry Library, 208,844 volumes; and the Library of the Chicago Historical Society, 50,000 volumes.

MUSEUMS.

The Museum of the College of Liberal Arts was for many years the object of special attention on the part of the late Professor Oliver Marcy. It contains many thousands of rare and valuable specimens, and is divided into sections as follows: Anthropology, Botany, Geology, Mineralogy, and Zoölogy. The section of Mineralogy is placed in Fayerweather Hall of Science; the remainder of the museum is lodged on the fourth floor of University Hall, and in the rooms of the departments of Botany, Geology, and Zoölogy.

The Section of Anthropology comprises specimens in aboriginal archæology, and has been developed largely through the interest of Dr. William A. Phillips of Evanston. Primitive ceramic art in the United States is well represented by several hundred specimens from the mounds of Illinois, Wisconsin, Kentucky, and Missouri. Primitive work in stone and copper is represented by large collections from various parts of the United States and from England. The Section contains about 8,000 specimens neatly arranged in cases in a department by themselves. During recent years a collection of material from the cliff-dwellings of the pueblos of New Mexico has been added to the Museum.

The Section of Botany is made up chiefly of gifts received from alumni and friends of the college and of collections made by students and instructors. It now contains about five thousand species. It includes collections made by Robert Kennicott from the Red River of the North; by Vasey from the Rocky Mountains; by Thomas and Bentley, and by I. A. Lapham, from Southern Illinois; also collections from New England and New York, the Lake Superior region, and Cook County, Illinois. The Henry H. Babcock Herbarium, donated in 1887 by Mrs. Mary Keyes Babcock, of Kenilworth, is systematically arranged, handsomely provided with substantial cases, and contains ten thousand species from all quarters of the globe.

The Section of Geology contains typical rocks from this country and from Europe. These exhibit the variations in structure and texture of the large groups of sedimentary, metamorphic, and igneous rocks, and also show the rock formations in the geological column from the more ancient to the recent rocks.

The series of fossils, both of plants and of animals, are quite extensive, containing characteristic fossils of the different geologic periods. The collections which are especially valuable are: 1, Cretaceous and Tertiary fossils, the gift of the Smithsonian Institution; 2, Fossils and rocks from Illinois Geological Survey; 3, Niagara fossils from Chicago and Racine, some of which are type specimens; 4, Illinois Carboniferous flora, largely from Grundy County; 5, miscellaneous, containing specimens from many parts of the world.

The Section of Mineralogy contains specimens of most of the mineral and rock species in such numbers as to illustrate fully their characteristics and occurrence. Besides these specimens, which have been accumulating to the museum for several years, are to be mentioned the Ayers loan-collection; additions from the Columbian Exposition, consisting chiefly of mass specimens and illustrations of economic ores; the Tyler collection, containing many crystals, notably good calcites; and a fine collection of azurites and malachites.

The Section of Zoölogy contains (1) with few exceptions all the mammals, birds, reptiles, and batrachians indigenous to Illinois; (2) all the mammals and birds of the New South Wales exhibit at the Columbian Exposition. The kangaroos and lemurs, the platypus and the echidna, the emu and the cassowary, the rifle-bird, the regent and the lyre-bird, and the apteryx from New Zealand, in all four hundred and fifty specimens, make a very complete presentation of that strange fauna; (3) a series of birds and a series of corals from the Philippine Islands (it is thought that the species of cuckoos and parrots are complete for the locality); (4) a series of skeletons, mostly prepared by Ward, including the elephant, the whale, the American crocodile, and skeletons of birds and fishes; (5) miscellaneous (among the larger animals are the moose, the buffalo, the Virginia deer, the white bear, and the reindeer). In this section there are birds from India, Central America, Brazil, British Guiana, Norway, and Russia; a collection of fifteen thousand marine and fresh-water shells; a large collection of fishes donated by the Smithsonian Institution, also fishes from Lake Michigan, prepared by Dr. W. A. Phillips; and a multitude of low forms of marine life, collected by Professor William North Rice of Middletown, Connecticut. The section contains about 30,000 specimens.

The Museum of the Medical School is arranged in the Laboratory Building and contains preparations and specimens illustrative of normal, pathological, and comparative anatomy.

The Museum of the School of Pharmacy is exceptionally complete in exhibits of drugs, chemicals, preparations, and apparatus. It is situated on the fourth floor of the University Building in Chicago.

The Museum of the Dental School includes specimens of comparative anatomy showing heads with the teeth of fishes, reptiles, saurians, and the several orders of mammals; an exceptionally complete and valuable set of specimens of the human skull, with dissections in a series showing the development of the teeth and their roots from their first appearance to the full development of the adult; also a large collection of abnormal formations of the human teeth, collected largely in the school by students and alumni, and through donations by members of the dental profession.

THE UNIVERSITY SETTLEMENT.

An association composed of alumni and friends of the University maintains, at the corner of Augusta and Noble streets, Chicago, a social settlement known as the Northwestern University Settlement. The building in which the work is carried on is held in trust by the University for the use of the Settlement. It is a four story brick structure, 60x78 feet, looking south upon two small gardens and having a space 30x78 feet on the north for an auditorium, gymnasium, and baths. On the ground floor are the kindergarten, men's club rooms, and boiler room. The main floor contains the kitchen, coffee house, reception room, office and library. Five large connected club rooms, one of which is the house dining room, and the domestic science and serving rooms occupy the second floor. The third floor contains rooms for thirteen residents.

The object, like that of Oxford House and Toynbee Hall in London, the Andover House in Boston, and similar institutions, is the intellectual, social, and religious improvement of the neglected city population. The settlement is located on the edge of the large Polish quarter of the city, and in the heart of the most densely populated district in Chicago. The resident group is composed of men and women engaged in educational, professional, and public service who wish to live among the people bearing the heaviest burden of the industrial world. Opportunity is also offered to undergraduates for philanthropic work and practical acquaintance with sociological problems. The plan includes classes for instruction, clubs for social improvement, lectures, concerts, house-to-house visitation, legal and medical dispensaries, and the maintenance of an open reading room. The expenses are met by membership subscriptions and voluntary contributions.

THE UNIVERSITY GUILD.

The University Guild is an association of women, for the most part residents of Evanston, who seek to secure for the University valuable works of art and to cultivate, by means of frequent lectures and discussions, artistic taste and sentiment in matters of common life. The Guild holds monthly meetings in its rooms in Orrington Lunt Library, and in many ways renders material service to the University. The Guild rooms are open to the public every Wednesday afternoon throughout the year.

The Art Collection already secured by the Guild is valued at several thousands of dollars. It contains a fine collection of pottery and porcelain, including handsome specimens of Doulton, Royal Worcester, Wedgewood, Coalport, Elton, Royal Berlin, Royal Copenhagen, Royal Vienna, Hungarian, Russian, Spanish, Royal Sevres, Limoges, Italian, Chinese, Delft, Rookwood, and Bulgarian ware. There are fifteen specimens of Doulton ware, including the famous Lambeth Faience Vase, which attracted so

much attention at the Columbian Exposition. The vase is six feet three inches in height, and two feet six inches in diameter. The duplicate of it was sold in England for $6,000. There are handsome specimens of French bronze and of Venetian and Bohemian glass. The collection also includes some fine plaster casts presented by the French Government, as well as twenty busts of eminent scholars, and Thorwaldsen's Mercury, Venus, Hebe, and the Shepherdess.

PUBLIC LECTURES, CONCERTS, EVENING COURSES, ETC.

In addition to the regular courses of instruction announced in subsequent pages of this catalogue, there are many lectures and evening courses and concerts given under the auspices of the University and its various organizations, open to students and to the general public.

The N. W. Harris Lectures—These lectures are given annually under an endowment established by Mr. N. W. Harris of Chicago, during the current year, 1905-06. In his letter of gift the donor expressed the desire "that the fund should be used to stimulate scientific research of the highest type and to bring the result of such research before the students and friends of Northwestern University, and through them before the world. By the term 'scientific research' is meant scholarly investigation into any department of human thought or effort, without limitation to research in the so-called natural sciences, but with a desire that such investigation should be extended to cover the whole field of human knowledge."

The lectures given on this foundation are to be published by the University or otherwise, and shall bear the name of the foundation.

Lectures on Legal Tactics—A series of lectures delivered annually on Monday evenings in Hurd Hall of the Law School Rooms, and open to all persons interested in the practice of the law. The lectures are given by prominent members of the Chicago Bar who have made a special study of the subjects of which they speak. The series for 1905-06 is as follows:

Acquisition and Retention of a Clientage. Mr. Frank L. Loesch.
The Practice Acts of Illinois. Mr. Keene H. Addington.
Municipal Contracts and Securities. Mr. Chester B. Masslich.

Criminal Practice. Mr. Frederick L. Fake.
Railroad Litigation. Mr. Robert J. Cary.
Personal Injury Practice. Mr. Andrew J. Hirschl.
Appellate Court Practice. Mr. Edwin W. Moore.
Drawing Judicial Decrees. Mr. George A. Carpenter.
Practice Under Board of Trade and Stock Exchange Rules. Mr. George P. Merrick.
Preparation of a Case for Trial. Mr. Edwin M. Ashcraft.
Life and Benefit Insurance. Mr. Theodore K. Long.
The Work of a General Attorney for a Corporation or Business House. Mr. James C. McMath.
Banking and Trust Company Practice. Mr. William S. Miller.
The Torrens System. Professor Charles G. Little.
Ways and Manners of Judges. Mr. Edward M. Winston.
Federal Practice. Mr. Charles B. Keeler.
Practice Before Masters in Chancery. Mr. Victor M. Elting.
Practice Before Police Magistrates. Mr. John R. Caverly.
Practice Under Federal Customs Laws. Mr. William Brace.
Bankruptcy Practice. Mr. Frank L. Wean.
Prosecution Under Municipal Ordinances. Mr. George H. Kriete.
The Revised City Code of Chicago. Mr. Roswell B. Mason.
Practice Under the New Municipal Court Act. Mr. Hiram T. Gilbert.

Artists' Series of Concerts in the School of Music—These concerts are given under the auspices of the School of Music and are open to the public at a small fee. The series for the past year included the following:

Two Chamber Music Recitals by the Kneisel Quartette of Boston.
Six Chamber Music Recitals by the University String Quartette.
Song Recital by Miss Muriel Foster.
Concert by the Pittsburgh Orchestra, Emil Paur, Director and Piano Soloist.
Indian Songs, and the Melodrama of Hiawatha. Mrs. Saidee Knowland Coe, pianist; Mrs. Eleanor Kirkham, contralto; and Mrs. Lida Scott Brown, reader.
Music of the Olden Time upon the instruments for which it was written; exhibit of old time instruments, by Arnold Dolmetsch, Mrs. Arnold Dolmetsch, and Miss Kathleen Salmon.
Song Recital by Mr. George Hamlin, tenor.

Baccalaureate Sermon. (1905). Reverend John H. Boyd, D.D., of Evanston.

Commencement Address. (1905). Reverend William Fraser McDowell, Bishop of the Methodist Episcopal Church.

Address on the Day of Prayer for Colleges. (1906). Reverend William E. Barton, D.D., of Oak Park, Illinois.

Address before the Phi Beta Kappa Society. (1905). Reverend Jenkin Lloyd Jones, D.D., of Chicago. Subject: Walt Whitman as a Prophet of Democracy.

Lectures before the University Guild—A series of lectures on art topics is delivered annually before the members of the University Guild and their invited friends.

Sigma Xi Society and the Benjamin Franklin Anniversary—Two lectures on the occasion of the two hundredth anniversary of the birth of Benjamin Franklin.

Franklin as a Diplomat. Professor James A. James.

Is Investigation Worth While? Professor Edward L. Nichols, Cornell University.

Student Lecture Course—A series of five lectures and concerts given annually under the auspices of the College Young Men's Christian Association.

Lectures before the Medical Faculty and Students—

Smallpox and Vaccination, an illustrated lecture. Dr. J. T. Schamberg, of Philadelphia.

The Practice of Medicine in the Orient. Dr. William J. Wanless, of Miraj, India.

Blastomycosis, an illustrated lecture. Dr. F. H. Montgomery.

Hydrotherapy. Professor Simon Baruch, of New York.

Smallpox, an illustrated lecture. Dr. Heman Spaulding, Chief Medical Inspector of the Health Department, Chicago.

Special Clinic during Alumni Week. Dr. Morris Richardson, Professor of Surgery in Harvard University.

Alumni Clinic at the Dental School—An annual clinic is given under the auspices of the Alumni Association of the Dental School which is open to all members of the dental profession. This is participated in by members of the Dental School faculty and alumni and is intended to present the most recent results of dental investigation.

Evening Courses—Beginning with the year 1905-06, courses of lectures are given in Northwestern University Building, Chicago, by members of the faculty of the College of Liberal Arts. The following were the courses given during the current year:

Ten lectures on American History. Professor James A. James.

Ten lectures on Economic and Social Problems. Professor John H. Gray.

Ten lectures on General and Economic Geology. Professor Ulysses S. Grant.

Twenty lessons in Elementary French. Mr. J. W. A. Kuhne.

Twenty lessons in Elementary Spanish. Dr. Alphonse de Salvio.

ATHLETICS.

All athletic interests are under the supervision and control of a committee of fifteen members representing the faculty, alumni, and students, of the College, the Medical School, the Law School, the School of Pharmacy, and the Dental School. As at present constituted the committee consists of the following members:

Faculty Representatives—Professors O. F. Long, Chairman; W. S. Hall, F. C. Woodward, D. C. Eccles, and E. S. Willard.

Alumni Representatives—Messrs. Frank E. Lord, George W. Webster, Wirt E. Humphrey, L. R. Girton, and F. W. Gethro.

Student Representatives—Messrs. J. F. Rommell, David T. Hanson, Chauncey C. Colton, R. H. Bryce, and E. F. Crowley.

This committee has adopted the following regulations, based on the Intercollegiate Conference Rules:

1. No one shall participate in any intercollegiate sport unless he be a bona fide student doing full work in a regular or special course as defined in the curriculum of his college, and no person who has participated as a college student in any intercollegiate game as a member of any college team, shall be permitted to participate in any game as a member of any other college team until he has become a matriculate in such college under the above conditions for a period of one year and until after the close of the succeeding season devoted to the sport in which he last participated; no student shall participate in any intercollegiate contest who shall not have been in residence one semester and who shall not have full credit for a semester's

work previous to the term or semester in which the sport is held; and in the institutions represented in this conference, preparatory students shall not be eligible to membership on the college teams.

2. No person shall be admitted to any intercollegiate contest who receives any gift, remuneration, or pay for his services on the college teams.

3. No student shall participate in base-ball, foot-ball, and track athletics upon the team of any college or colleges for more than four years in the aggregate, and any member of a college team who plays during any part of an intercollegiate foot-ball (or base-ball) game, does hereby participate in that sport for the year, provided always that the first three games of intercollegiate foot-ball in each season shall not count as participation.

4. No student shall participate in any intercollegiate contest who has ever used or is using his knowledge of athletics or his athletic skill for gain, or who has taken part in any athletic contest in which a money prize is offered, regardless of the disposition to be made of the same. No person who receives any compensation from the University for services rendered by way of regular instruction shall be allowed to play on any team.

5. No student shall play in any game under an assumed name.

6. No student shall be permitted to participate in any intercollegiate contest who is found by the faculty to be delinquent in his studies.

7. All intercollegiate games shall be played on grounds either owned by or under the immediate control of one or both of the colleges participating in the contest, and all intercollegiate games shall be played under student or college management, and not under the control of any corporation, or association, or private individual.

8. The elections of managers and captains of teams in each college shall be subject to the approval of its committee on athletics.

9. College foot-ball teams shall play only with teams representing educational institutions.

10. Before every intercollegiate contest the respective chairmen of the athletic committees of the institutions concerned shall submit to each other a certified list of the players eligible, under the rules adopted, to participate in said contest. It shall be

the duty of the captains of the respective teams to exclude all players from the contest except those certified.

11. Athletic committees shall require each candidate for a team representing the university in intercollegiate contests to subscribe to a statement that he is eligible under the letter and spirit of the rules adopted.

12. No person having been a member of any college athletic team during any year, and having been in attendance less than one college half-year, shall be permitted to play in any intercollegiate contest thereafter until he shall have been in attendance six consecutive calendar months.

13. A student shall be ineligible to represent his college in athletic contests, who engages in such contests as a representative of any athletic organization not connected with his college, whether in term time or vacation, except by special written permission previously obtained of the proper athletic authorities.

Occasional games during vacation on teams which have no permanent organization are not prohibited, provided written permission has been first secured, and further provided that such permission be granted for one team only during any single vacation, it being expressly understood that no permission will be given to play on a professional or semi-professional team.

14. No schedule of games shall be fixed without the approval of the Committee for the Regulation of Athletic Sports. No additional dates for games shall be accepted without the approval of the chairman of the said committee.

15. The selection of players for any team shall be subject to the approval of the committee for the Regulation of Athletic Sports. In order to provide proper information on which to act, every student desiring to play on any team shall fill out a blank prepared by the committee. To this certificate shall be appended a certificate signed by the physical director, attesting the applicant's physical fitness for membership in the team proposed.

16. No student of the departments situated in Evanston and no member of any University foot-ball or base-ball team shall, during term time, without the permission of the Committee for the Regulation of Athletic Sports, play on any like team not connected with the University.

THE COLLEGE OF LIBERAL ARTS.

EVANSTON.

FACULTY.

THOMAS FRANKLIN HOLGATE, PH.D., LL.D., *Dean, Henry S. Noyes Professor of Mathematics.*

DANIEL BONBRIGHT, A.M., LL.D., *Dean Emeritus, John Evans Professor of Latin Language and Literature.*

HERBERT FRANKLIN FISK, D.D., LL.D., *Professor of Pedagogy.*

ROBERT MCLEAN CUMNOCK, A.M., L.H.D., *Professor of Rhetoric and Elocution.*

*ROBERT DICKINSON SHEPPARD, A.M., D.D., *Professor of English and American History.*

ABRAM VAN EPPS YOUNG, PH.B., *Professor of Chemistry.*

GEORGE WASHINGTON HOUGH, A.M., LL.D., *Professor of Astronomy and Director of Dearborn Observatory.*

*JAMES TAFT HATFIELD, PH.D., *Professor of German Language and Literature.*

CHARLES BEACH ATWELL, PH.M., *Professor of Botany.*

HENRY CREW, PH.D., *Fayerweather Professor of Physics.*

*J. SCOTT CLARK, LIT.D., *Professor of English Language.*

JOHN HENRY GRAY, PH.D., *Professor of Political and Social Science.*

PETER CHRISTIAN LUTKIN, MUS.D., *Professor of Music.*

*GEORGE ALBERT COE, PH.D., *John Evans Professor of Moral and Intellectual Philosophy.*

ALJA ROBINSON CROOK, PH.D., *Professor of Mineralogy and Economic Geology.*

WILLIAM ALBERT LOCY, PH.D., *Professor of Zoölogy.*

GEORGE OLIVER CURME, A.M., *Professor of Germanic Philology.*

JAMES ALTON JAMES, PH.D., *Professor of History.*

*On leave of absence.

EDOUARD PAUL BAILLOT, L.H.D., *Professor of Romance Languages.*

AMOS WILLIAMS PATTEN, A.M., D.D., *Professor of Biblical Instruction.*

ULYSSES SHERMAN GRANT, PH.D., *William Deering Professor of Geology.*

JOHN ADAMS SCOTT, PH.D., *Secretary, Professor of Greek Language and Literature.*

ASHLEY HORACE THORNDIKE, PH.D., *Professor of English Literature.*

ARTHUR HERBERT WILDE, PH.D., *Professor of History.*

GUSTAV E. KARSTEN, PH.D., *Acting Professor of German.*

OLIN HANSON BASQUIN, PH.D., *Associate Professor of Physics.*

WALTER DILL SCOTT, PH.D., *Associate Professor of Psychology and Education.*

MARY ROSS POTTER, A.M., *Dean of Women.*

THEODORE WHITTELSEY, PH.D., *Associate Professor of Chemistry.*

OMERA FLOYD LONG, PH.D., *Assistant Professor of Latin.*

ROBERT RICHARDSON TATNALL, PH.D., *Assistant Professor of Physics.*

WILLARD EUGENE HOTCHKISS, PH.D., *Assistant Professor of Economics.*

WALTER LIBBY, PH.D., *Assistant Professor of Education.*

DAVID RAYMOND CURTISS, PH.D., *Assistant Professor of Mathematics.*

HERBERT GOVERT KEPPEL, PH.D., *Instructor in Mathematics.*

OLIN CLAY KELLOGG, PH.D., *Instructor in English Language.*

GEORG EDWARD, *Instructor in German.*

JOHN PRICE ODELL, A.B., *Instructor in English Language.*

ROBERT EDWARD WILSON, PH.M., *Instructor in Mathematics.*

WILLIAM ABBOTT OLDFATHER, A.M., *Registrar, Instructor in Latin and Greek.*

HERMAN CHURCHILL, A.M., *Instructor in English Language.*

PAUL GUSTAVE ADOLF BUSSE, A.M., *Instructor in German.*

HAROLD CLARK GODDARD, A.B., *Instructor in English Literature.*

EUGENE HOWARD HARPER, PH.D., *Instructor in Zoölogy.*

ROYAL BRUNSON WAY, A.M., *Instructor in History.*

JULIUS WILLIAM ADOLPHE KUHNE, A.M., *Instructor in French.*

James William Putnam, A.M., *Instructor in Economics.*
Alphonse de Salvio, Ph.D., *Instructor in Romance Languages.*
James Walter Goldthwait, A.M., *Instructor in Geology.*
Frederick Shipp Deibler, A.M., *Instructor in Economics.*
Roy Caston Flickinger, Ph.D., *Instructor in Greek and Latin.*
Bernard Capen Ewer, Ph.D., *Instructor in Philosophy.*
James Caddell Morehead, Ph.D., *Instructor in Mathematics.*
Carla Fern Sargent, A.M., *Instructor in History.*

Gleason Fillmore Starkweather, *Assistant in Shopwork.*
Effie Ellen Thayer, M.S., *Assistant in Zoölogy.*
Thomas Albert Knott, A.B., *Tutor in English Language.*
Gretchen Huegin, *Assistant in the Gymnasium.*
Frank Denslow Sherwood, *Assistant in the Gymnasium.*
Emma Jane Thomas, B.S., *Assistant in Botany.*
Abbie Grace Reithard, B.S., *Assistant in Botany.*
Granville Howard Twining, B.S., *Demonstrator in Zoölogy.*
Wilhelmine Mathilde Sommer, B.S., *Assistant in Zoölogy.*
Elizabeth Gaylord Hillman, B.S., *Reader in English Literature.*
Etoile Bessie Simons, Ph.D., *Assistant in Botany.*

LIBRARY STAFF.

Lodilla Ambrose, Ph.M., *Assistant Librarian.*
Olinia May Mattison, A.M., *Cataloguer.*
Frances Currey Pierce, Ph.B., *Assistant.*
Adeline Maitland Baker, B.L.S., *Cataloguer.*
Eleanor Frances Lewis, A.B., *Assistant.*
Eleanor Worthington Falley, B.S., *Cataloguer.*
Sadie Abia Thompson, Ph.B., *Assistant.*

STANDING COMMITTEES.*

Administration:—Professors HOLGATE, BONBRIGHT, CREW, JAMES, LOCY, PATTEN, YOUNG; *ex-officio*, Professor WILDE, Miss POTTER.

Board of Examiners:—Professors THORNDIKE, BAILLOT, CURME, CURTISS, LONG, TATNALL.

Undergraduate Study:—Professors YOUNG, GRANT, J. A. SCOTT.

Advanced Standing:—Professors LOCY, ATWELL, BAILLOT.

Graduate Study:—Professors CREW, GRAY, LOCY, J. A. SCOTT, THORNDIKE.

Admission Requirements:—Professors ATWELL, BASQUIN, CURME, HOTCHKISS, and Mr. ODELL.

Delinquent Students:—Professors HOLGATE, LONG, WHITTELSEY.

Registration and Special Students:—Professors HOLGATE, GRANT, and Mr. OLDFATHER.

Accredited Schools:—Professors W. D. SCOTT, ATWELL, LIBBY, LONG, WILDE.

Academy:—Professors WILDE, ATWELL, BAILLOT, GRAY, LIBBY, TATNALL.

Library:—Professors BONBRIGHT, GRAY, JAMES, LOCY, THORNDIKE, YOUNG.

Chapel:—Professors CROOK, PATTEN, Dr. KEPPEL.

Fellowships and Scholarships:—Professors THORNDIKE, GRANT, JAMES.

Loans and Charitable Funds:—Professors FISK, HOUGH, PATTEN.

Musical Organizations:—Professors LUTKIN, HOTCHKISS, Mr. GOLDTHWAIT.

Social Life of Students:—Professors W. D. SCOTT, WHITTELSEY; *ex-officio*, Professors LUTKIN, WILDE, Miss POTTER.

Gymnasium and Physical Training:—Professor LONG, Mr. GODDARD, Mr. WILSON.

Willard Hall:—Professors GRANT, PATTEN, W. D. SCOTT.

Appointments:—Professors JAMES, ATWELL, CURTISS, W. D. SCOTT, THORNDIKE, Dr. KELLOGG,

*Names arranged alphabetically except the chairman.

REQUIREMENTS FOR ADMISSION.

Candidates for admission to the College of Liberal Arts must be at least sixteen years of age, and must present satisfactory evidence of good moral character, together with credentials as to scholarship and honorable standing in the last institution which they attended. These credentials should show in detail the studies pursued by the candidate in preparation for College, and should bear the recommendation of the Principal for admission to this College.

Blank forms for credentials may be had on application to the Registrar, and should be returned to him, properly filled out, at least one week before the opening of the college year.

Either by examination or by certificate from an accredited school, all candidates must give satisfactory evidence of preparation in the following subjects:

(1) All the units described under Group A.

(2) Four units from Group B.

(3) Three additional units from Groups B and C.

The items in the groups indicate both the amount of work to be covered and the time to be devoted to each subject in a good secondary school, in order to secure a unit of credit.

Group A.

1. *English.* The character and amount of preparation required is indicated in the program which follows, although the arrangement of the work may vary considerably from this.

(*a*) Language—Spelling, punctuation, grammar, paragraphing, the fundamental principles of rhetoric, reading, practice in writing compositions based on the student's personal experience.

Certificates from accredited schools are expected to contain a statement from the instructor in English that each student, before entering college, has *written at least eight exercises of at least three hundred words each.* Descriptions of scenes or objects actually witnessed by the writers, narrations based on personal experiences, and arguments on specific questions will be accepted;

rambling expository essays on broad general themes are not acceptable. Students without certificates may present these exercises for inspection by the examiner.

(*b*) Literature—The following books are to be read. The student should acquire a knowledge of their subject-matter and of the main facts in the lives of their authors, and should practice writing short compositions on subjects drawn from their reading.

1906-1911:—

I. (Two to be selected): Shakespeare's As You Like It, Henry V, Julius Cæsar, The Merchant of Venice, Twelfth Night.

II. (One to be selected): Bacon's Essays; Bunyan's The Pilgrim's Progress, Part I; The Sir Roger de Coverley Papers in the *Spectator;* Franklin's Autobiography.

III. (One to be selected): Chaucer's Prologue; Selections from Spenser's Faerie Queene; Pope's The Rape of the Lock; Goldsmith's The Deserted Village; Palgrave's Golden Treasury (First Series), Books II and III, with especial attention to Dryden, Collins, Gray, Cowper, and Burns.

IV. (Two to be selected): Goldsmith's The Vicar of Wakefield; Scott's Ivanhoe and Quentin Durward; Hawthorne's The House of the Seven Gables; Thackeray's Henry Esmond; Mrs. Gaskell's Cranford; Dickens' A Tale of Two Cities; George Eliot's Silas Marner; Blackmore's Lorna Doone.

V. (Two to be selected): Irving's Sketch Book; Irving's Life of Goldsmith; Lamb's Essays of Elia; DeQuincey's Joan of Arc and The English Mail Coach; Carlyle's Heroes and Hero Worship; Emerson's Essays (selected); Ruskin's Sesame and Lilies.

VI. (Two to be selected): Coleridge's The Ancient Mariner; Scott's The Lady of the Lake; Byron's Mazeppa and The Prisoner of Chillon; Palgrave's Golden Treasury (First Series), Book IV, with special attention to Wordsworth, Keats, and Shelley; Macaulay's Lays of Ancient Rome; Poe's Poems; Lowell's The Vision of Sir Launfal; Arnold's Sohrab and Rustum; Longfellow's The Courtship of Miles Standish; Tennyson's Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur; Browning's Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Evelyn Hope, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, The Boy and the Angel, One Word More, Hervé Riel, Pheidippides.

(*c*) Literature—The student is expected to make a thorough study of each of the works named below, accompanied by practice in composition:

1906-1911:—

Shakespeare's Macbeth (or Julius Caesar); Milton's Lycidas, Comus, L'Allegro, and Il Penseroso; Burke's Speech on Conciliation with America (or Washington's Farewell Address and Webster's First Bunker Hill Oration); Macaulay's Life of Johnson (or Macaulay's Essay on Milton, or Carlyle's Essay on Burns).

Time requirement, the equivalent of four hours a week through three years. It is expected that the English work will be distributed over all four years of the secondary school course.

3. *Mathematics*—(*a*) Algebra, including factoring, common divisors and multiples, fractions, simple equations of one or more unknown quantities, involution, evolution, theory of exponents, radicals. Special attention should be given to the statement of problems in the form of equations. *Time requirement, four or five hours a week throughout one year.*

(*b*) Algebra, including a review of the previous work and a thorough study of radicals, equations involving radicals, quadratic equations with one or two unknown quantities, and equations solved like quadratics. *Time requirement, the equivalent of four or five hours a week throughout one-half year.*

(*c*) Plane Geometry, including a course equivalent to that contained in Holgate's or in Beman and Smith's Geometry, together with the solution of a large number of exercises and numerical problems. *Time requirement, four or five hours a week throughout one year.*

(*d*) Solid Geometry, a course equivalent to that contained in Holgate's or in Beman and Smith's Geometry, including numerous exercises and problems. *Time requirement, the equivalent of four or five hours a week throughout one-half year.*

It is recommended that the work in Mathematics in preparation for college be extended over at least three years of the high school course, and especially that work be given in this subject in the last year. A good arrangement is as follows: First year, four hours a week, algebra; second year, four hours a week, geometry; fourth year, four hours a week for first half-year, solid geometry; second half year, algebra; reviewing and making a thorough study of quadratic equations and radicals.

4. *History*—Ancient History with special reference to Greece and Rome, West's Ancient History, or Botsford's Greece and Rome, or an equivalent, with supplementary reading. *Time requirement, four or five hours a week throughout one year.*

NOTE.—If a candidate cannot present a year of Ancient History, he may substitute for it either No. 27, 28, or 29, as described under Group C, or a year of General History, Myers's, or an equivalent.

5. *Science*—Physics, a course equivalent to that contained in Hall and Bergen's Text-book of Physics. The candidate must present evidence of familiarity with the general principles of physical science, especially the simpler principles and phenomena which are constantly illustrated in daily life, such as the pendulum, hydrostatics, water waves, pitch and intensity of sound, heat conduction, boiling, freezing, simple lenses, mirrors, prisms, magnets, lines of force, voltaic cells, galvanometers, etc. It is also required that a course of laboratory work shall have been pursued in connection with the text-book, equivalent to at least forty exercises from the Harvard list, or from Crew and Tatnall's Laboratory Manual of Physics, and that accurate notes descriptive of the experiments shall have been kept. *Time requirement, five hours a week throughout one year.*

NOTE.—If a candidate cannot present a year of Physics, he may substitute for it either a year of Physiography (No. 22), a year of Biology (No. 23, 24, or 25), or a year of Chemistry (No. 26).

GROUP B.

NOTE.—A single unit of a foreign language will be accepted for entrance credit only on condition that the candidate shall continue the study of that language through a second year.

8. *Greek*—(*a*) Grammar, White's First Greek Book, or an equivalent. *Time requirement, four or five hours a week throughout one year.*

9. *Greek*—(*b*) Xenophon's Anabasis, Books I, II, and III; Jones's Greek Prose Composition, or an equivalent, thirty lessons. *Time requirement, four or five hours a week throughout one year.*

10. *Greek*—(*c*) Anabasis, Book IV. Prose Composition, lessons thirty to forty. Homer, Illiad or Odyssey, 1,800 lines. *Time requirement, four or five hours a week throughout one year.*

11. *Latin*—(*a*) Grammar; Cæsar's Gallic War, ten pages, or twenty pages of Viri Romæ, with retranslation of English into Latin. *Time requirement, five hours a week throughout one year.*

12. *Latin*—(*b*) Cæsar's Gallic War, four books, completed; Latin Composition. *Time requirement, five hours a week throughout one year.*

13. *Latin*—(*c*) Cicero, six orations, including the Manilian Law; Latin Composition. *Time requirement, five hours a week throughout one year.*

14. *Latin*—(*d*) Vergil, six books of the Aeneid. *Time requirement four or five hours a week throughout one year.*

It is to be desired that the student's acquaintance with Vergil be not limited to the foregoing requirement. By private reading, as well as by sight reading in class, the Bucolics and a considerable portion of the Aeneid may with much advantage be added to the amount prescribed.

An examination in Latin is appointed about six weeks after the beginning of the year, as a test of the sufficiency of the student's preparation to advance with his class.

15. *French*—(*a*) Correct pronunciation; elementary grammar, with exercises, including the irregular verbs; the reading of from one hundred and fifty to two hundred pages of easy French prose. *Time requirement, five hours a week throughout one year.*

16. *French*—(*b*) Elementary grammar completed; easy composition, based upon one of the works read; the reading of two hundred and fifty to three hundred pages of French prose. *Time requirement, five hours a week throughout one year.*

17. *French*—(*c*) Study of the difficulties of French syntax and idioms; translation into French from text-book and easy original compositions; the reading of not less than six hundred pages of at least five standard authors; ability to take grammatical dictations and to understand and answer questions in French. *Time requirement, four or five hours a week throughout one year.*

18. *German*—(*a*) Pronunciation; the memorizing and use of easy colloquial sentences; the rudiments of grammar (inflection of the articles, ordinary nouns, adjectives, pronouns, weak verbs, and the more usual strong verbs; the use of the more common prepositions; the simpler uses of modal auxiliaries and the elementary rules of syntax and word-order); abundant easy exercises; the reading of seventy-five to one hundred pages of graduated texts. *Time requirement, four or five hours a week throughout one year.*

19. *German*—(*b*) The reading of from one hundred and fifty to two hundred pages of literature in the form of easy stories and

plays; translation into German of matter based upon works read; continued drill upon rudiments of grammar. *Time requirement, four or five hours a week throughout one year.*

20. *German*—(*c*) The reading of about four hundred pages of moderately difficult prose and poetry; retranslation into German; grammatical drill upon the less usual strong verbs; the use of articles, cases, auxiliaries, tenses and modes, word-order and word-formation. *Time requirement, four or five hours a week throughout one year.*

GROUP C.

NOTE.—For courses extending through less than a full year credit may be allowed at the discretion of the Board of Examiners, but in all such cases a unit of credit will require a total of one-third more work than that represented in the ordinary unit.

21. *Mathematics*—Algebra, including ratio and proportion, variation, progressions, permutations and combinations, binomial theorem, logarithms and their application to interest and annuities, introduction to determinants, theory of equations and series, as in Fisher and Schwatt's College Algebra, or Hall and Knight's Elementary Algebra, or a full equivalent.

Plane trigonometry, including the solution of oblique triangles. Consistent employment of ratio definitions of the trigonometric functions is expected, also the ability to verify numerical computations. *Time requirement, five hours a week throughout one year.*

22. *Physiography*—A study of the subjects usually given in courses in physical geography—the earth as a planet, the atmosphere, the climate, the ocean, and the land. Emphasis is to be placed upon the land, especially upon the topographic features, their origin and their significance. Some recent text-book should form the basis for the course, and the text-book should be supplemented by the study of maps, models, and the features of the earth's surface in the vicinity of the school. *Time requirement, four or five hours a week throughout one year.*

23. *General Biology*—The study of typical animals and plants by laboratory methods covering the facts of morphology and physiology. This requirement may be met by a course such as that laid down in Boyer's Elementary Biology, or in Colton's Practical Zoölogy and Atkinson's Lessons in Botany. In all cases special provision should be made for laboratory work, and accurate notes and drawings should be made by the student. Teachers

in accredited schools reporting to the University should designate the quality of the laboratory work as a separate item, in addition to that of the class-room work. *Time requirement, five hours a week throughout one year, including not less than one hundred and forty hours of laboratory work and two class-room periods a week.*

24. *Botany*—The study of plants as living organisms, with special regard to function, structure, and relation to environment. Each recitation or quiz period should be preceded by four hours of laboratory work. Atkinson's Lessons in Botany and Bergen's Foundations of Botany are satisfactory texts. Each pupil should individually perform the experiments and demonstrations, and should keep a neat and accurate notebook showing the work done by himself and the conclusions reached. *Time requirement, not less than one hundred and forty hours of laboratory work besides two class-room periods a week throughout one year.*

25. *Zoölogy*—One year's study of animal structure, habits, and general life history will be accepted as a full item of credit for entrance, provided it has been done by the laboratory method. Conditions for undertaking this work vary too widely to make it desirable to designate either an outline or text-books. Teachers competent to carry on such a course for a full year will have their own method, and the material used will also vary. Colton's Practical Zoölogy, and Parker and Haswell's Manual of Zoölogy (the latter for supplementary reading) will be suggestive. Emphasis should be placed on training in observation and accuracy in drawing and expression in the notebooks. *Time requirement, not less than one hundred and forty hours of laboratory work, besides two class-room periods a week throughout one year.*

26. *Chemistry*—Laboratory work should be made an essential feature of the study, and this may well take one-half of the total time assignment. Careful and systematic notes of his individual work should be made by the student. Some work in quantitative experiments is recommended as extremely desirable both for training and in order to illustrate the fundamental laws. Purely descriptive work may better be limited to comparatively few elements and compounds rather than be extended to a larger list with resulting confusion to the student. *Time requirement, not less than four periods a week covering eight hours a week of the student's time throughout one year.*

27. *Mediaeval and Modern European History*—Myers's Me-

diaeval and Modern History, or an equivalent, with supplementary reading. *Time requirement, four or five hours a week throughout one year.*

28. *English History*—A study of the political and constitutional development of England. Larned's English History or an equivalent. *Time requirement, four or five hours a week throughout one year.*

29. *American History and Civil Government*—Channing's Students' History of the United States, or an equivalent. James and Sanford's Government in State and Nation, or an equivalent. *Time requirement, four or five hours a week throughout one year.*

NOTE.—Candidates are recommended to offer one or more of the units of History as described above, as it is believed that better educational results are obtained by devoting a full year to one of these periods than by scattering it over two or more periods. But until further notice a unit of credit will be given for a year's work devoted to any two of these divisions, or a unit of credit will be given for a year devoted to General History.

30. *Political Economy*—Macvane's Political Economy, or its equivalent. *Time requirement, four or five hours a week throughout one year.*

31. *Manual Training*—Joinery, practice in making the more common joints in wood with hand tools; wood-turning, the use of the ordinary turning tools in making various curved forms, cups, balls, etc. Pattern making, practice in making wood patterns from which castings may be made, involving the study of shrinkage, distribution of metal, and various methods of molding; forging, practice in forming iron into various shapes when heated to the plastic condition, welding, and tempering. Woodward's The Manual Training School describes the usual exercises. If a laboratory manual is not used the student should write up each exercise carefully, as in other laboratory work. *Time requirement, six hours a week in the shop throughout two years.*

In special cases, where candidates are unable to meet the requirements relating to specific subjects, but can present the full equivalent of the *total* requirement for admission, they may by the vote of the faculty or of the Board of Examiners be admitted as regular students; but this regulation will not release a candidate for a degree from any of the specified studies required for a degree, as described on pages 91 and 92.

EXAMINATIONS FOR ADMISSION.

The regular days of examination for admission to the College of Liberal Arts are the first Monday and Tuesday of the college year, the dates for the year 1906 being September 24 and 25. Candidates may be examined and admitted at other times if prepared to enter classes at an advanced point in the regular courses, but they are advised to enter at the beginning of the college year.

The Board of Examiners of this College will accept, in lieu of its own examinations, those conducted in June by the College Entrance Examination Board. This Board, which holds its examinations in Chicago in Northwestern University Building, is composed of representatives of a large number of educational institutions, and its findings are accepted as a basis for admission to colleges generally throughout the country.

ADMISSION BY CERTIFICATE.

Students from an accredited academy or high school may be admitted to college on certificate, without examination, provided they present themselves for admission not later than a year and three months after graduation from their schools. The certificate must show that the candidate has met all the entrance requirements as described on page 79 and must bear the Principal's signature recommending the candidate for admission. In case the preparation of a student admitted on certificate is found in the first semester to be unsatisfactory, he will be required to complete his preparation in a fitting-school or in such other way as may be designated.

ADMISSION AS SPECIAL STUDENTS.

On the recommendation of a standing committee of the Faculty, persons of serious purpose and mature years may be admitted to college as special students to pursue selected studies. The work taken by such students is under the

supervision and control of the committee on Registration and Special Students. Applications for admission as special students must be accompanied by evidence of sufficient qualification to carry on the proposed work to advantage, and in general such students will be expected to meet the full entrance requirements.

ADMISSION TO ADVANCED STANDING.

Students from other colleges seeking admission to this college must present evidence of honorable dismissal from the institution last attended. Official certificates must be presented showing the grades of credit for the subjects pursued elsewhere, also the number of weeks and the number of hours a week the respective studies were followed. All students from other colleges must meet the regular entrance requirements to this college. The amount of advanced credit to be obtained by certificate from another institution is determined by a committee of the Faculty, but no advanced credit will be given without examination except for work done in an approved college. All claims for advanced credit must be made during the first year of residence. Candidates for advanced standing are not admitted later than September of the collegiate year in which they expect to graduate.

ACCREDITED SCHOOLS.

High schools and academies may be placed on the accredited list of the University by action of the Faculty, upon the recommendation of the Committee on Accredited Schools. This relation implies that the certificates of the school properly attested will be accepted at their face value toward meeting the requirements for admission.

Superintendents or principals desiring to have their schools placed on the accredited list should make application to the Chairman of the Committee on Accredited

Schools, who will provide for a proper inspection. The following information will be expected in the letter of application:

a. The names of all teachers, with a statement both of their preparation for teaching and of their experience in that work.

b. The latest printed catalogue or annual report of the school, containing an outline of the course of study and a list of the textbooks used.

c. A careful statement of the methods pursued in teaching Mathematics, Languages, and Sciences.

d. The amount and kind of scientific apparatus and the extent of library facilities accessible to students.

The schools which are placed on the accredited list will continue to be accredited for three years, unless the Faculty within this period becomes satisfied that such changes have occurred as make further inspection desirable.

Certificates of the School of Correspondence.

Certificates of the Interstate School of Correspondence, affiliated with the University, will be accepted for admission to college at their face value in the subjects covered by its academic courses as follows: English Language, one unit; English Literature, two units; Mathematics, three units; Latin, one unit; Botany, one unit; Physics, one unit.

Inquiries concerning Correspondence Work should be addressed to the Interstate School of Correspondence, 378-388 Wabash Avenue, Chicago.

RESIDENCE.

The University maintains but one dormitory for men, accommodating about thirty students. A few students find lodgings in Heck Hall, the dormitory of Garrett Biblical Institute, and about twenty men room in the College Young Men's Christian Association House. Aside from these limited accommodations the University makes no provision at present for the residence of men, but such students find little difficulty in providing for themselves comfortable homes in private families within easy reach of the College.

Unless special exemption from the rule is granted, women students are required to room in one or other of the Halls provided for them. Willard Hall, the largest of the three women's dormitories, is under the immediate oversight of the Dean of Women, who lives in the building and associates with the residents as a friend and adviser. Pearsons Hall and Chapin Hall are in charge of an association of women resident in Evanston, incorporated as the Woman's Educational Aid Association. This association considers the claims of all applicants for admission and has a friendly supervision over the residents of these halls. The lighter housework of Pearsons and Chapin Halls is done by the young women residing in them, under the direction of a competent matron. In this way the expenses of living are materially reduced.

All women students, wherever they reside, are under the supervision of the Dean of Women and are expected to conform to the general regulations prescribed for the conduct of those living in the Halls.

NOTE.—For information respecting Willard Hall, letters of inquiry should be addressed to Willard Hall, Evanston, Illinois; and for information respecting Pearsons or Chapin Hall, letters should be addressed to the Corresponding Secretary of the Woman's Educational Aid Association, Evanston, Illinois.

PROGRAMS OF UNDERGRADUATE STUDY.

The courses of study offered in the College of Liberal Arts are listed under the several departments of instruction in a subsequent section of this Catalogue. Much of the work there announced is elective, but certain courses are required of all candidates for a degree. These are shown in the schedules below. The amount of credit assigned to a course is expressed as *one hour, two hours,* etc., an hour of credit being given for the satisfactory completion of work equivalent to one class-exercise a week during one semester.

As a condition of graduation, a student is required to complete one hundred and twenty semester hours of work, including the prescribed courses for either the degree of Bachelor of Arts or Bachelor of Science. Four years will usually be necessary for the satisfactory accomplishment of this work.

Schedules of Required Studies.

PRESCRIBED COURSES FOR THE DEGREE OF BACHELOR OF ARTS.

I.	Mathematics A or AB, - -	4 or 5 hours	1st year
II.	English Language A, - -	3 hours	1st year
III.	Two of the following, of which one must be chosen from the first two named: Latin A, Greek A, French A, German A, - - - - -	4 hours each	1st year
IV.	English Literature A, - -	2 hours	2nd year
V.	One of the following: Latin B, Greek B, French B, German B, - - - - - - - -	3 hours	2nd year
VI.	One of the following: Physics A, Chemistry A, Zoölogy A, Botany A, Geology A, Mineralogy A, - -	4 hours	2nd or 3rd year
VII.	One of the following: History A or BC, Economics A or G, Philosophy A, -	3 hours	2nd or 3rd year 2nd or 3rd year

PRESCRIBED COURSES FOR THE DEGREE OF BACHELOR OF SCIENCE.

I.	Mathematics A or AB, - -	4 or 5 hours	1st year
II.	English Language A, - -	3 hours	1st year
III.	French A (see note below),	4 hours	1st or 2nd year
IV.	German A (see note below),	4 hours	1st or 2nd year
V.	English Literature A, - -	2 hours	2nd year
VI.	Two of the following, of which one must be chosen from the first three named: Physics A, Chemistry A, Zoölogy A, Botany A, Geology A, Mineralogy A, Mathematics B or BB, -	4 hours (Math. 3 hrs.)	1st, 2nd, or 3rd year
VII.	One of the following: History A or BC, Economics A or G, Philosophy A, -	3 hours	2nd or 3rd year

NOTE.—If a candidate has presented for admission to college, Latin (a), (b), and (c), or Greek (a), (b), and (c), either French A or German A may be omitted from this schedule, but the work preparatory to the course thus omitted must be taken.

ELECTIVE STUDIES.

In making up a student's program of studies for any year precedence must be given to prescribed courses and in the order designated in the above schedules. Except by special permission of the Committee on Registration, a student must take, in addition to the prescribed studies for which he is due, elective work sufficient to make a total of fifteen hours a week. The choice of elective courses is subject always to the special regulations of the several departments.

At a date not later than the registration at the beginning of the third year of residence, every candidate for a Bachelor's degree must announce a department in which he proposes to do *major work*, and also a department in

which he proposes to do *minor work*. These may be selected at the student's discretion, except that if the *major* work is chosen in a department of foreign language, the *minor* must be chosen in a department other than a foreign language. The specific courses constituting the *major* and the *minor* in each department will be found listed in the schedule on pages 94 and 95, and are also stated at the end of the lists of courses in the several departments of instruction.

Students are advised to give careful thought to the plan of their elective work as early as the beginning of the second year. They may find it to their advantage to devote the whole, or a large part, of their elective time in the second year to the *major* subject. Elective work will be made more profitable by adhering consistently to a plan adopted for each year, and a course once selected should be continued through the year.

FACULTY ADVISERS.

Every undergraduate student on entering college is assigned to some member of the Faculty, who is to act as his adviser and give him helpful counsel relating to his college life. As soon as the student makes choice of the department in which he is to do his major work, the senior professor in that department becomes his adviser and should be consulted freely on all matters relating to subsequent work. The student is required to submit his choice of studies for each year to his adviser and obtain approval of the same before completing his registration, and all changes in registration during the year must likewise receive the adviser's approval.

SCHEDULE OF MAJORS AND MINORS.

DEPARTMENT	MAJOR	MINOR
Biblical Literature.	Ten year-hours.	Six year-hours.
Biology.	Botany A and Zoölogy A, and either Botany B or C, or Zoölogy C or D.	
Botany.	Courses A, B, and C.	Course A and either B or C.
Chemistry.	Courses A, B, and C.	Courses A and B.
Economics.	Ten year-hours, including Course A.	Six year-hours, including Course A.
Education.	Ten year-hours, including Courses A or B, and C or D, Philosophy A, and two additional year-hours in Education or Psychology.	Six year-hours in Education.
English Language.	Courses A and B, and six additional year-hours, which may include English Literature D.	Courses A and B and two additional year-hours.
English Literature.	Course A and eight additional year-hours, which may include English Language D.	Course A and four additional year-hours.
Geology.	Course A and six additional year-hours, which may include Mineralogy A.	Course A and two additional year-hours.
German Language and Literature.	Courses A (or BB) and B, and six additional year-hours.	Courses A (or BB) and B.

DEPARTMENT	MAJOR	MINOR
Greek Language and Literature.	Courses A and B, and five additional year-hours, not including Course N.	Courses A and B.
History.	Course A or BC, and seven additional year-hours.	Course A or BC, and three additional year-hours.
Latin Language and Literature.	Courses A and B, with C or D, and E or F, or their equivalents.	Courses A and B.
Mathematics.	Fourteen year-hours, including Courses A or AB, and B or BB.	Courses A or AB, and B or BB.
Mineralogy and Economic Geology.	Course A and six additional year-hours, which may include Geology A.	Course A and two additional year-hours.
Philosophy, Psychology, and Logic.	Either Courses A, B, G, and three additional year-hours; or Courses A, C, and four additional year-hours.	Course A or E and three additional year-hours.
Physics.	Courses A and B, and three additional year-hours.	Course A and two additional year-hours.
Romance Languages.	Courses A and B in French, and six additional year-hours.	Courses A and B in French.
Semitic Languages.		Courses A and B.
Zoölogy.	Course A and six additional year-hours.	Course A and two additional year-hours.

COURSES OF INSTRUCTION.

The courses of instruction offered in the College of Liberal Arts are subject to change from year to year. Those given during the year 1905-06 are described below.

For the general regulations affecting a student's choice of studies reference should be made to pages 91 and 92. Special regulations, if any, governing the order in which courses in the same department should be taken will be found under the department heading.

The Faculty reserves the right at the beginning of a semester to withdraw the offer of any elective study not chosen by at least five persons.

ASTRONOMY.

A—*Astronomy; Meteorology.* 2 hours.
Tuesdays, Thursdays, 2.

Professor HOUGH.

A general course in Astronomy and Meteorology adapted to the needs of students with no previous knowledge of the subject. Open to students who have completed Mathematics A.

BIBLICAL LITERATURE.

A—*Introduction to the English Bible.* 3 hours.
Mondays, Wednesdays, Fridays, 2.

Professor PATTEN.

First Semester.—How the Bible came to be. The evolution of the English Bible. The English of the Bible. The Bible and English Literature.

One hour a week is devoted to the careful reading of selected books of the Bible.

Second Semester.—The Bible as literature. Lectures and required readings, with papers on the various topics considered.

Text used: The American Standard Revised Version, Moulton's Modern Readers' Bible.

B—*The Gospel of Matthew.* 2 hours

Tuesdays, Thursdays, 2.

Professor PATTEN.

First Semester.—A study of the Synoptic Gospels, with Matthew as a basis.

Second Semester.—The Christ of the Gospels as the central point of the Christian Evidences. A study of the sayings of Jesus.

Text: Cambridge Bible for Schools and Colleges.

C—*Biblical History.* 3 hours.

Mondays, Wednesdays, Fridays, 3.

Professor PATTEN.

First Semester.—History of the Hebrews, from the Conquest to the Exile.

Second Semester.—History of the Jews, from the Exile to the Christian era.

Text: Lectures, and required readings. Kent's Historical Series.

D—*Acts of the Apostles and the Epistles.* 2 hours.

Tuesdays, Thursdays, 11.

Professor PATTEN.

First Semester.—The Acts of the Apostles. An inductive study of the era of Apostolic Christianity.

Second Semester.—Selected Pauline Epistles.

Text: Cambridge Bible for Schools and Colleges, with lectures and required readings.

E—*History of Religion.* 2 hours.

Tuesdays, Thursdays, 3.

Professor PATTEN.

First Semester.—An inquiry into the origin of religion, with a survey of the principal religions of the world in their rise and development.

Text: Menzies' History of Religion, with required readings and papers.

Second Semester.—The History and Development of Christian Missions.

The main text in this course is Warneck's History of Protestant Missions, which is accompanied by lectures and required readings in selected mission history and literature.

F—*Comparative Religions.* 2 hours.

Hours to be arranged.

Professor TERRY.

This course is given in Garrett Biblical Institute, and students electing it are subject to the regulations of that school.

For *Greek New Testament*, see under Greek (Course N).

For *Hebrew Old Testament*, see under Semitic Languages (Courses A and B).

For *History of the Christian Church*, see under History (Course L).

Major: Ten year-hours.

Minor: Six year-hours.

BOTANY.

A—*Biology of Plants.* 4 hours.

Tuesdays, Thursdays, 2-5.

Professor ATWELL, Dr. SIMONS, Miss THOMAS, and Miss REITHARD.

The course covers the biology and morphology of typical plants selected from the more important natural groups. Ecology and classification receive special attention during the months of October and May. Laboratory and field work, with quizzes and informal lectures. Atkinson's College Botany. Caldwell's Plant Morphology.

B—*Seed Plants.* 3 hours.

Mondays, Fridays, 8-10; Wednesdays, 9.

Professor ATWELL and Miss THOMAS.

Field-work. General morphology of the more common orders of seed plants. Histological methods as applied to structure and development. During the second semester attention is given to the general principles of forestry and to the study of the trees and forests of the locality.

Assistance and instruction will be given to students desirous of preparing an herbarium or a collection of illustrative permanent microscopical slides.

Open to those who have had an elementary course in Botany.

C—*Physiology of Plants.* 3 hours.

Mondays, Fridays, 10-12; Wednesdays, 11.

Professor ATWELL and Miss REITHARD.

This course is experimental, and should be preceded by one course in Botany or in general Biology. An elementary course in Chemistry is also desirable. Books of reference are provided.

Courses A, B, and C constitute a good preparation for teaching Botany in secondary schools.

D—*Cryptogamic Botany.* 2 hours.

Tuesdays, Thursdays, 10-12.

Professor ATWELL.

Comparative morphology of ferns, mosses, algæ, and mushrooms. The cultivation in artificial media of bacteria of air, water, milk, and ice; the study of their physiology, morphology, and relation to fermentation and putrefaction. The study of yeast in relation to fermentation; and of such lower fungi as slime-moulds, fruit-moulds, mildews, and rusts as to their life-histories and morphology. Laboratory work, lectures, and field work. Books of reference are provided.

Open to those who have had an elementary course in Botany.

PRIMARILY FOR GRADUATES.

F—*Advanced Physiology of Plants.* 2-5 hours.

Hours to be arranged.

Professor ATWELL.

Extended experimental work upon definite physiological problems.

Open to students who have completed Courses A, B, and C, and an elementary course in Chemistry.

G—*Special Problems in Plant Life.* 3-5 hours.

Hours to be arranged.

Professor ATWELL.

Problems involving original investigation will be assigned to suit the needs of individual students.

Open to those who have completed the major requirements in Botany or Biology.

Major: Courses A, B, and C.

Minor: Courses A and either B or C.

A major in Biology is allowed to consist of Botany A and Zoölogy A, and either Botany B or C, or Zoölogy C or D.

CHEMISTRY.

A—*General Chemistry.* 4 hours.

Section I. Tuesdays, Wednesdays, Thursdays, 1:30-4.

Section II. Mondays, Fridays, 1:30-4, and Tuesdays, Thursdays, 1:30-2:30.

Section III. Tuesdays and Thursdays, 1:30-5, and one forenoon hour Tuesdays or Wednesdays.

Professor YOUNG.

Text and laboratory work, including in the last of the course an introduction to Qualitative Analysis.

B—*Qualitative Analysis and Organic Chemistry.* 4 hours.

Mondays, Fridays, 1:30-4; Wednesdays, 1:30-4:30.

Associate Professor WHITTELSEY.

Lectures, text, and laboratory work; the Organic Chemistry begins in January after the Christmas recess.

Open to those who have completed Course A.

C—*Quantitative Analysis.* 4 hours.

Tuesdays, Thursdays, 1:30-4:30; Wednesdays, 10-12.

Associate Professor WHITTELSEY.

First Semester.—Gravimetric Analysis.

Second Semester.—Volumetric Analysis.

Open to those who have completed Courses A and B; but Courses B and C may be taken concurrently upon approval by the instructor.

BC—*Advanced Qualitative and Quantitative Analysis: Ores and Other Minerals.* 3 hours.

Hours to be arranged.

Associate Professor WHITTELSEY.

Open to students who have completed Courses A, B, and C.

D—*Examination of water, mainly from the sanitary standpoint; and of milk, butter, and others fats and oils. Iron and steel analysis.* 3 hours.

Tuesdays, Thursdays, 9-12.

Associate Professor WHITTELSEY.

Course D is open to those who have completed Courses A, B, and C.

G—*Topics of Investigation.*

Credit and hours to be arranged.

Associate Professor WHITTELSEY.

E—*Advanced Course in General Chemistry.* 2 hours.

Hours to be arranged.

Professor YOUNG.

A course of reading on somewhat advanced topics. The work has been based on Ostwald's Outlines of General Chemistry.

Open to those who have completed Courses A, B, and C.

Major: Courses A, B, and C.

Minor: Courses A and B.

ECONOMICS, FINANCE, AND ADMINISTRATION.

NOTE.—Courses A and C of the following schedule require no introductory course, and may be taken together. Those who desire to take advanced courses in the department should take Course A as a first course. After the year 1905-06 Course A will be required as an introduction to other courses in the department except Course C, which occupies an independent position.

Those wishing to make a major in this department (ten year-hours) should begin the work in their second year in college, but no student will be admitted without the special consent of the instructor in charge to any of the courses except Course C until he has thirty hours of college credit. Those wishing to specialize in Economics should have a good knowledge of general history.

A—(1) *The Elements of Economics;* (2) *The Financial History of the United States.* 3 hours.

Mondays, Wednesdays, Fridays.

First semester, 9, 10, 10.

Second semester, 10, 11.

Professor GRAY, Assistant Professor HOTCHKISS, and Mr. PUTNAM.

First Semester.—An introductory and elementary course in Economic theory. Fetter's "The Principles of Economics."

Second Semester.—The financial history of the United States from 1789 to the present time. Dewey's "Financial History of the United States." Also, a repetition of the work of the first semester.

B—*Administration.* 2 hours.

Tuesdays, Thursdays, 8.

Assistant Professor HOTCHKISS.

A course in administrative law and the comparative theory and history of administration of the leading modern nations, including both central and local governments. The civil service reform movement in the United States and Great Britain receives special attention.

C—*Modern Industrial and Commercial History.* 3 hours.

Mondays, Wednesdays, Fridays, 11.

Professor GRAY.

The industrial and commercial history of Western Europe and America since the middle of the eighteenth century. The effects of modern inventions and political changes on trade and industry. The course is conducted by lectures, with prescribed topical readings.

Course C requires no previous training in Economics, and may well be taken before Course A.

D—*Finance; Money and Banking.* 3 hours.

Mondays, Wednesdays, Fridays, 9.

Mr. PUTNAM.

First Semester.—*Public Finance*, with special reference to modern systems of taxation. A comparative study is made of the various systems of taxation in the leading countries; the relation between existing methods of taxa-

tion and the present industrial organization is given special attention.

Second Semester.—*Money and Banking.* The evolution of money and the standards of various countries; banking functions; clearing houses, and systems of credit. During the first semester Adams's Science of Finance is used, and during the second semester Kinley's Money, and Fiske's The Modern Bank.

E—*Seminary.* 3 to 6 hours.

Tuesdays, 2:30-4:30. (October 1 to May 1.)

Professor Gray, Assistant Professor Hotchkiss, and Mr. Putnam.

The Seminary is open to graduates and to a limited number of undergraduates who seem to the instructors prepared to make original investigations. No one will be allowed to register for less than three hours a week throughout the year. An undergraduate may not register for more than three hours except by permission of the faculty.

Subjects for investigation can be definitely announced only after consultation with those who expect to take the work, the greatest liberty of choice being allowed each student.

It is suggested that the Seminary take up for a number of years different phases of the general subject of Public Service Corporations, thus enabling the material gathered for one year to be more largely utilized in successive years.

The subjects for 1905-06 are: (1) Various Phases of Municipal Public Service Corporations; (2) The Position of the City Historically Considered; (3) Labor on the Street Railways of Chicago; and (4) Recent Development and Prospects of the Sugar Industry in the United States.

F—*Commercial and Economic Geography.* 2 hours.

Tuesdays, Thursdays, 9.

Assistant Professor Hotchkiss.

A general survey of modern commerce as influenced by the resources and leading industries of different parts of the world. The effect of economic and trade conditions upon international relations. Lectures and reports. Text-

books to be announced. This course alternates with Course M.

G—*The Labor Question in Europe and America.* 3 hours.
Mondays, Wednesdays, Fridays, 8.
Assistant Professor HOTCHKISS.

A study of the economic and social conditions of the working classes in Europe and the United States. Factory legislation. Growth of labor organizations; strikes and lockouts; the open and closed shop; collective bargaining, State regulation of labor disputes, recent laws and judicial decisions.

Lectures, discussions, special investigations and reports.

H—*Tariff History of the United States.* 2 hours.
Tuesdays, Thursdays, 10. (First Semester only.)
Mr. PUTNAM.

A study of the tariff in its relation to the industrial and commercial development of the United States.

This course may well be followed by Course L in the Second Semester.

I—*Sociology; Socialism and Social Reform.* 2 hours.
Tuesdays, Thursdays, 11.
Mr. PUTNAM.

First Semester.—*Sociology.* An elementary study of the nature, functions, and mutual relations of the social elements, with an investigation of contemporary social conditions.

Fairbank's Introduction to Sociology and Wright's Outlines of Practical Sociology serve as guides.

Second Semester.—*Socialism and Social Reform.* Socialism is considered in its economic, social, and political bearings; the programs of different leaders of socialistic thought are examined; and various socialistic and communistic experiments receive consideration.

J—*Transportation.* 3 hours.
Mondays, Wednesdays, Fridays, 10.
(Second Semester only.)
Professor GRAY.

A general course in the theory and history of Transportation. The development of the railroad, including organization, management, and consolidations; the question of rates, and public control, State and Federal. The chief guides used in the course will be Johnson's American Railway Transportation, Meyer's Railway Legislation, and the publications of the Inter-State Commerce Commission.

L—*Government Regulation of Trusts and Industrial Combinations.* 3 hours.

Mondays, Wednesdays, Fridays, 9.
(Second Semester only.)

Assistant Professor HOTCHKISS.

Development of the Trust Problem. Relation between Federal and State power to regulate; Federal powers under the Inter-State and Foreign Commerce Clause; regulation through taxing power; contracts in restraint of trade. State corporation laws; legislation with reference to industrial and commercial combinations and consolidations.

M—*Colonial Governments (or Colonies, Dependencies, and Spheres of Influence.)* 2 hours.

Tuesdays, Thursdays, 9. (Not given in 1905-06)

Assistant Professor HOTCHKISS.

A study of the economic, social, and political conditions in the English and Dutch colonies and the outlying districts of the United States. Relation of European nations to the so-called less progressive peoples. Interests of the United States in the Orient.

This course alternates with Course F.

Major: Ten year-hours including the first half of Course A.

Minor: Six year-hours including the first half of Course A.

Those making a major in Economics are recommended to make a minor in History.

EDUCATION.

A—*General History of Education.* 3 hours.

Mondays, Wednesdays, Fridays, 4.
(Not given in 1905-06.)

Professor FISK.

Lectures, readings, and discussions. Text-books: Compayré's History of Pedagogy, Quick's Essays on Educational Reformers, Munroe's The Educational Ideal, Boone's Education in the United States.

NOTE.—This course may be taken as a three-hour course, or as a two-hour course (Mondays and Wednesdays), or as a one-hour course (Fridays).

B—*Principles of Education.* 3 hours.

Mondays, Wednesdays, Fridays, 4.
(Given in 1905-06 and in alternate years.)

Professor FISK.

Lectures, readings, and discussions. Text-books: Compayré's Lectures on Pedagogy, Payne's Contributions to the Science of Education, Eliot's Educational Reform, Tompkins's Philosophy of School Management, Lange's Apperception.

NOTE.—This course may be taken as a three-hour course, or as a two-hour course (Mondays and Wednesdays), or as a one-hour course (Fridays).

C—*The Great Educators.* 2 hours.

Tuesdays, Thursdays, 10. (Not given in 1905-06.)

Associate Professor SCOTT.

Lectures, readings, and discussions.

First Semester.—English Educators: Locke, Spencer.

Second Semester.—Continental Educators: Comenius, Herbart.

D—*The Great Educators.* 2 hours.

Tuesdays, Thursdays, 10.

Associate Professor SCOTT.

First Semester.—Continental Educators: Rousseau, Pestalozzi, Froebel.

Second Semester.—The more recent Educators.

E—*General and Special Methods.* 1-3 hours.

Tuesdays, Thursdays, Saturdays, 9.

Professors W. D. SCOTT, FISK, LIBBY, and professors in the several departments.

Lectures, readings, discussions, written reports, high school visitations, demonstrations, examination of text-books and apparatus, etc.

This course may be elected as a one, two, or three-hour course in each semester, one hour of credit being given for the completion of a semester's work in any one of the following subjects:

First Semester.—English; Mathematics; Natural and Physical sciences.

Second Semester.—History; Latin and Greek; French and German.

F—*History of Modern Education.* 3 hours.

Mondays, Wednesdays, Fridays, 3.

Assistant Professor LIBBY.

A history of education from the Renaissance to the present time, including an account of the German, French, English, and American school systems.

G—*A Study of Adolescence.* 1 hour.

Saturdays, 10.

Assistant Professor LIBBY.

Open to all students who have taken one course in Psychology.

*H—*Pedagogical Psychology.* 3 hours.

Mondays, Wednesdays, Fridays, 9.

(Second Semester only.)

Assistant Professor LIBBY.

Open to students who have taken or are taking General Psychology.

Major: Ten year-hours, including Courses A or B, and C or D, Philosophy A, and two additional year-hours in Education or Psychology.

Minor: Six year-hours in Education.

*This course has been heretofore listed under the department of Philosophy.

ELOCUTION.

A—*First Course.* 2 hours.

Section I. Mondays, Wednesdays, 4.
Section II. Tuesdays, Thursdays, 4.

Professor CUMNOCK.

Russell's Manual of Elocution and Cumnock's Choice Readings are used. Instruction is given in the management and regulation of the breath; the proper use of the body in the development of vocal energy; the most advanced knowledge of English Phonation; the most approved methods of acquiring distinct articulation; the function of the natural and orotund voices; the application of force, stress, pitch, rate, quantity, and emphasis, and their importance as the dynamics of expressive speech; the use of inflection for the purpose of emphasis and melodious effect; the fundamental principles of gesture and their application.

B—*Study of Masterpieces of English Eloquence.* 2 hours.

Section I. Tuesdays, Thursdays, 8.
Section II. Wednesdays, Fridays, 8.

Professor CUMNOCK.

The chief object in Course B is to establish the student in the best literary and elocutionary form, by bringing him in contact with the most perfect models.

C—*Principles of Vocal Expression.* 2 hours.

Mondays, Fridays, 9.

Professor CUMNOCK.

Course C is designed especially for the year of graduation. Great stress is laid upon the acquisition of perfect form in common reading and oratorical address. The written productions are carefully examined, and the class instruction is supplemented by personal advice and criticism.

D—*Bible, Hymn, and Liturgic Reading.* 2 hours.

Mondays, Fridays, 11.

Professor CUMNOCK.

As a result of the work in Course D, it is expected that the student will have the skill to read with melodious effect and expressive power, the Bible, hymn book, and liturgy.

ENGLISH LANGUAGE.

A—*Rhetoric; Synonyms. Eight Essays.* 3 hours.
Mondays, Wednesdays, Fridays, 8, 9, 10, 10, 11, 11, 2.
Tuesdays, Thursdays, Saturdays, 8, 9, 10, 11.

Dr. KELLOGG, Mr. ODELL, Mr. CHURCHILL, and Mr. KNOTT.

First Semester.—A practical drill in the avoidance of the common violations of good style.

Second Semester.—Rhetorical imagery and synonyms.

All students, unless excused by the registration committee, take this course during the first year of residence. Students who show, early in the first semester, that they are seriously deficient in elementary English, will be required to take additional work in this subject for such time as may be found necessary. No credit will be given for any part of Course A, till the whole course, including the additional work already mentioned, shall have been completed.

B—*Prose Masterpieces; Paragraphing.* 2 hours.
Tuesdays, Thursdays, 9, 10.

Professor CLARK and Dr. KELLOGG.

First Semester.—A study of the diction and the distinctive characteristics of the great writers of prose. This work is continued till about April 1, in each year.

Second Semester.—Paragraphing. Every member of the class writes two themes a week.

Open to those who have completed Course A.

C—*Versification; Poetic Masterpieces.* 2 hours.
Wednesdays, Fridays, 9.

Professor CLARK and Mr. ODELL.

First Semester.—A study of the mechanics of English versification.

Second Semester.—A study of the diction and the distinctive characteristics of the great poets. This work begins about November 1, in the first semester.

Open to those who have completed Course A.

D—*History of the English Language; Anglo-Saxon; Early English.* 2 hours.
Tuesdays, Thursdays, 3.

Professor CLARK and Mr. CHURCHILL.

After reviewing the history of the English language, the class takes up, briefly, the outlines of Anglo-Saxon grammar. The larger part of the year is devoted to the reading of selections from fifteen pre-Chaucerian authors, from Bæda to Gower, inclusive.

Open to students who have completed Course A and at least one course in German.

E—*Forensics.* 2 hours.

Hours to be arranged. (Not given in 1905-06.)

Professor CLARK.

The class meets in small sections, and each member debates once a week on questions previously assigned. Reading references are given and briefs required.

Open to those who have completed Course A.

F—*Editorial Writing.* 2 hours.

Wednesdays, Fridays, 10.

Professor CLARK and Mr. ODELL.

Every member of the class writes two short articles every week during the college year.

Open to all who have had Courses A and B.

G—*Biblical English.* 3 hours.

Hours to be arranged. (Not given in 1905-06.)

Professor CLARK.

A course in the diction, imagery, and idiom of the English Bible. For graduates only.

H—*The Longer Forms of Narration.* 2 hours.

Tuesdays, Thursdays, 4.

Mr. ODELL.

Students are required to analyse short story masterpieces as models, and, later, to construct original stories.

I—*Expository and Oratorical Composition.* 2 hours.

Hours to be arranged.

Dr. KELLOGG.

A course in the longer forms of composition commonly used in public speaking.

Open to students who have completed Course A.

J—*English Syntax.* 2 hours.

Mondays, Wednesdays, 11.

Miss POTTER.

The work in syntax is preceded by tests of the ability to form clear mental images and to interpret written language. The larger part of the semester will be devoted to a search after the reasons for the sentence structure of present-day English, as revealed through a study of the relation of the sentence and its parts to the thought and ideas expressed.

Open to students who have completed one semester's work in Psychology.

Major: Courses A and B and six additional year-hours, which may include English Literature D.

Minor: Courses A and B and two additional year-hours.

ENGLISH LITERATURE.

A—*The History of English Literature.* 2 hours.

Lecture, Monday, 9.

Seven sections, Wednesdays, Thursdays, Fridays, 9, 10.

Professor THORNDIKE, Mr. GODDARD, and Mr. CHURCHILL.

This course is intended to supply the student with the general outline and important facts of the history of literature and to serve as an introduction to the other courses in the department. Lectures, recitations, and a considerable amount of reading.

Required of all students in regular courses. Students are expected to take this course as early as the second year.

B—*The History of American Literature.* 2 hours.

Tuesdays, Thursdays, 8.

Mr. GODDARD.

First Semester.—American Literature from 1607 to 1837.

Second Semester.—American Literature from 1837 to 1900.

C—*Chaucer.* 3 hours.

Mondays, Wednesdays, Fridays, 2.

Professor THORNDIKE and Mr. GODDARD.

First Semester.—A detailed study of a large number of the Canterbury Tales.

Second Semester.—The representative types of mediaeval literature, in connection with a continued study of Chaucer.

D—*Shakespeare and the Elizabethan Drama.* 3 hours.

Mondays, Wednesdays, Fridays, 11.

Professor THORNDIKE.

First Semester.—Lectures on Pre-Shakespearian Drama and the reading of a number of plays. A careful and detailed study of three of Shakespeare's plays; for 1905-06, Richard II, King Lear, the Tempest.

Second Semester.—All of Shakespeare's plays are read in chronological order. Lectures on the development of Shakespeare's art, with special attention to his relations to contemporary dramatists.

E—*Non-dramatic Poetry in the Sixteenth and Seventeenth Centuries.* 3 hours.

Mondays, Wednesdays, Fridays, 3.

(Given in 1906-07 and in alternate years.)

Mr. GODDARD.

First Semester.—Spenser and his contemporaries.

Second Semester.—Milton and his contemporaries.

F—*Classicism 1660-1789.* 3 hours.

Mondays, Wednesdays, Fridays, 3.

(Given in 1905-06 and in alternate years.)

Mr. GODDARD.

First Semester.—From the Restoration to the death of Pope, 1660-1745; Classicism in Poetry; the rise of the Essay; the development of Prose; the development of the Novel.

Second Semester.—From the death of Pope to the French Revolution, 1745-1789; the decline of Classicism; the beginnings of Romanticism.

G—*The Romantic Movement 1789-1830.* 2 hours.
Tuesdays, Thursdays, 10.

Professor THORNDIKE.

First Semester.—Wordsworth, Coleridge, Southey, Lamb, Jeffrey, Scott.

Second Semester.—Byron, Keats, Shelley, Leigh Hunt, De Quincey, Hazlitt.

H—*English Poetry from 1830 to 1880.* 2 hours.
Tuesdays, Thursdays, 11.

Mr. GODDARD.

First Semester.—Tennyson, Mrs. Browning.

Second Semester.—Browning, Matthew Arnold, Clough, the Rossettis, and other poets of the period.

I—*English Prose from 1830 to 1880.* 2 hours.
Tuesdays, Thursdays, 10.
(Given in 1906-07 and in alternate years.)

Professor THORNDIKE.

First Semester.—Carlyle, Newman, Emerson, John Stuart Mill.

Second Semester.—Matthew Arnold, Ruskin, Pater, Thackeray, Dickens, George Eliot, Meredith.

These writers are studied as representatives of the thought and life of the period. A large amount of reading and papers on topics suggested by the course are required.

J—*The Development of the Novel in English.* 2 hours.
Tuesdays, Thursdays, 9. (Not given in 1905-06.)

First Semester.—Mediæval and Elizabethan prose narratives; the classic novelists.

Second Semester.—Study of selected nineteenth-century novels; the short story.

K—*Seminary.* 3 hours.
Hours to be arranged.

Professor THORNDIKE.

Open to graduate students and to undergraduates whom the instructor in charge considers qualified.

In 1905-06 the subject is the Development of English Tragedy after 1600.

Major: Course A and eight additional year-hours, which may include English Language D.

Minor: Course A and four additional year-hours.

GEOLOGY.

NOTE.—The Department of Geology, in addition to offering courses for general education (i. e., Courses A and AB), offers courses especially intended to aid in preparing students (1) to teach physical geography and geology in secondary schools, (2) to enter mining schools or to engage in mining, and (3) to become professional geologists in connection with State or National geological surveys or in connection with teaching or economic geology. For (1) Courses A, C, D, and the first semester of AB are recommended; for (2) Courses A, B. C, and E; and for (3) all courses are recommended.

In most of the courses in geology part of the work consists of excursions taken into the adjacent country for the study of geological phenomena in the field. A knowledge of the elements of chemistry and physics will be advantageous to those taking courses in geology and will be necessary for those who take a major in this subject. Students intending to take more than one course in geology should begin with Course A and follow this by Courses C and D, if possible taking both of these courses the second year. The first semester of Course AB, and the second semester of Course C or D may be taken in connection with Course A.

A—*General Geology.* 4 hours.

Mondays, Wednesdays, Fridays, 10.

Laboratory hours to be arranged.

Professor GRANT and Mr. GOLDTHWAIT.

First Semester.—A general introduction to geology.

Second Semester.—Systematic and regional physiography, mineral resources of the United States, geology of Illinois and adjoining states.

Open to all.

AB—*Physical Geography.* 2 hours.

Tuesdays, Thursdays, 2.

Mr. GOLDTHWAIT.

First Semester.—The earth as a planet, the atmosphere, the ocean, maps; including laboratory exercises and observations of weather conditions.

Second Semester.—Physiography of the land; relations of plants and animals (especially man) to their geographic surroundings.

This course is intended (1) as a general educational course, (2) as a foundation course for those taking work in economics and history, (3) as a course for those expecting to teach geography in secondary schools, and (4) as a brief course in earth study for those who cannot spend the time required by Course A.

Open to all. The second semester may be taken without the first. Students taking Course A will receive no credit for the second semester of Course AB.

B—*Economic Geology.* 2 hours.

Tuesdays, Thursdays, 11.

Professor GRANT.

First Semester.—The non-metallic useful materials obtained from the earth's crust—such as water, building materials, fuels, etc.

Second Semester.—The metallic useful materials obtained from the earth's crust—such as iron, copper, lead, zinc, gold, silver—and the study of ore deposits in general.

Open to those who have completed Geology A. Students taking this course should have some knowledge of chemistry. The second semester of Course B may be taken without the first.

C—*Practical Geology.* 3 hours.

Tuesdays, Thursdays, 10.

Laboratory hours to be arranged.

Professor GRANT.

First Semester.—A more advanced study of structural and dynamical geology than is given in Course A.

Second Semester.—Methods of geological work, preparation of maps and sections, geological surveys, history of geology. A considerable part of this semester's work will be devoted to the actual mapping (geographically, topographically, and geologically) of a small area and the preparation of a report on the same.

The first semester is open to those who have completed Course A and who have some knowledge of chemistry.

The second semester is open to those who are taking, or who have completed, Course A.

D—*Regional Physiography and Geology of the United States; Glacial Geology.* 3 hours.

Hours to be arranged.

Mr. GOLDTHWAIT.

First Semester.—The country is divided into physiographic provinces, and the peculiar features of geological structure, relief and drainage in each are studied; natural resources and industries are briefly considered.

Second Semester.—Primarily a study of the North American ice-sheet, its nature, its history, and its work. The extinct ice-sheet is studied in the light of existing glaciers of the Alps, Alaska, and Greenland. The physiographic features of different parts of the glaciated area in the United States are studied and discussed.

The first semester is open to those who have completed Course A. The second semester is open to those who are taking, or who have completed, Course A.

E—*Petrology.* 4 hours.

Mondays, Tuesdays, Wednesdays, Thursdays, 2-4.

Professor GRANT.

The first part of the course is devoted to the study and determination of the common rock-forming minerals by means of the petrographical miscroscope, and the second part is devoted to the study of the more important rocks.

Open to those who have completed Geology A or Mineralogy A.

NOTE.—It is expected that of Courses B, C, and E not more than two will be given in any one year.

F—*Paleontology; Historical Geology.* 2 hours.

Hours to be arranged.

Mr. GOLDTHWAIT.

First Semester.—Paleontology. A discussion of the principles of paleontological geology and a study of the more important groups of fossils.

Second Semester.—Historical Geology. A study of historical geology, with special reference to the stratigraphy

of the United States, the development of the North American continent, and the life characteristics of the different periods.

Open to those who have completed Course A.

G—*Primarily for Graduates.*

Credit and hours to be arranged.

Professor GRANT.

Graduate work is offered along the following lines: (*a*) *Advanced Petrology.* (*b*) *Pre-Cambrian Geology.* A study of the principles and methods used in investigating the non-fossiliferous rocks, followed by a study of the geology of the Lake Superior region with special reference to the formations which contain the extensive deposits of copper and iron ores. (*c*) *Research Work.* Investigating along certain lines, especially the geology of some particular district.

It is expected that work along both (*a*) and (*b*) above will not be given in one semester, while work under (*c*) may be carried on at any time.

Major: Course A and six additional year-hours, which may include Mineralogy A.

Minor: Course A and two additional year-hours.

GERMANIC LANGUAGE AND LITERATURE.

AA—*Elementary German.* 5 hours.

Mondays, Tuesdays, Wednesdays, Thursdays, Fridays, 10.

Mr. EDWARD.

Pronunciation, grammar, selections in prose and verse, German composition. Open to those who have less than fifteen year-hours of college credit.

This course may not be taken to remove language requirements for admission, and credit will not be given unless the full course is completed.

AB—*Elementary German.* 4 hours.

Mondays, Tuesdays, Thursdays, Fridays, 8, 2.

Professor CURME and Mr. BUSSE.

Pronunciation, grammar, selections in prose and verse, German composition.

This course may not be taken to remove language requirements for admission, and credit will not be given unless the full course is completed.

(b)—*Elementary German, Second Unit.* 4 hours.

Mondays, Tuesdays, Wednesdays, Thursdays, 8, 10.

Miss CARAWAY.

Grammar, reading, German composition. Open to students who have presented but one unit of German for admission to college.

This course is given in the Academy.

A—*Intermediate German.* 4 hours.

Tuesdays, Wednesdays, Thursdays, Fridays, 9, 9, 10, 11, 2.

Professor KARSTEN, Mr. EDWARD, Mr. BUSSE, and Mr. HOHN.

First Semester.—Lessing's Minna von Barnhelm and Emilia Galotti; German lyrics and ballads; Schiller's Wilhelm Tell; German composition once a week.

Second Semester.—Lyrics and ballads; Schiller's Maria Stuart; Goethe's Hermann und Dorothea; German Composition.

Open to students who have presented two units of German for admission to college and to those who have completed either Course AA or AB.

BB—*Classical Prose and Poetry; Composition.* 4 hours.

Mondays, Tuesdays, Thursdays, Fridays, 11.

Mr. BUSSE.

Lessing, Goethe, Schiller, Heine, and Grillparzer.

This course is planned especially for those students who have had three years' secondary work in German.

G—*Colloquial German.* 1 hour.

Tuesdays, Thursdays, 9.

Mr. EDWARD.

Meissner's German Conversation, Kron's German Daily Life, and other material. Open to all who have had one year of German, and to others by special permission.

B—*Goethe's Life and Works, 1749-1790.* 3 hours.
Mondays, Wednesdays, Fridays, 8, 11, 3.
Professors HATFIELD, CURME, and KARSTEN.

First Semester.—Dichtung und Wahrheit, Goetz von Berlichingen, Werther, and the earlier lyrics. Study of the life of Goethe, for which purpose the possession of Heinemann's Goethe is very desirable.

Second Semester.—Lyrics, Egmont, Iphigenie, Tasso, Italienische Reise.

Course H may suitably be combined with this course.

Open to those who have taken Course A or BB. Course B may be taken a second time, with new subject matter, for a credit of two hours.

In 1906-07 the work of Course B is centered about the period of the Thirty Years' War as treated in literature.

H—*Advanced German Composition.* 2 hours.
Mondays, Wednesdays, 8.
Mr. EDWARD.

Von Jagemann's Syntax and Prose Composition; White's Selections for German Prose Composition with specially assigned original work. International correspondence with students living in Germany. Open to those who have had Course A, or its equivalent.

J—*Modern German Drama.* 2 hours.
Tuesdays, Thursdays, 4.
Professor CURME.

Two courses in Modern German Drama are given under this heading in alternate years. They present an outline of German life in the nineteenth century as reflected in the drama, exclusive of the classical works of Goethe and Schiller.

(a) 1906-07. First Half of the Century. Heinrich von Kleist, Grillparzer, Raimund, Gutzkow, Hebbel, Otto Ludwig.

(b) 1905-06. Second Half of the Century. Anzengruber, Wildenbruch, Sudermann, Hauptmann, Fulda, Lienhard, Otto Ernst.

Open to those who have completed Course B.

F—*German Novel and Short Story.* 2 hours.

Tuesdays, Thursdays, 3.

Mr. EDWARD.

Two courses in the modern German Novel and Short Story are given in alternate years. They present an outline of German life in the nineteenth century as reflected in this form of literature.

(a) 1906-07. First Half of the Century. H. von Kleist, Hauff, Tieck, E. T. A. Hoffmann, Immermann, Stifter, Grillparzer, Ludwig.

(b) 1905-06. Second Half of the Century. C. F. Meyer, Spielhagen, Mörike, Storm, Heyse, Keller, Raabe, Fontane, Wildenbruch, Sudermann, Frenssen.

Open to those who have completed Course B.

Courses J and F may be suitably combined.

D—*The History of German Literature; Goethe's Faust.* 3 hours.

Mondays, Wednesdays, Fridays, 3.

Professor HATFIELD, Professor KARSTEN.

A systematic study of German literature from the earliest times. Scherer's History of German Literature and Max Müller's German Classics will be used.

Open to those who have completed Course B.

E—*Advanced Literary Group.* 2 hours.

Saturdays, 8:30-10, (subject to change).

Professor HATFIELD, Professor KARSTEN.

First Semester.—Goethe's life and works.

Second Semester.—Schiller's life and works.

This course, which is given on the seminary plan, is intended chiefly for graduate students, and in all cases enrollment will be at the discretion of the instructor. Suitable original work will be brought to publication as far as opportunity allows.

M—*The History of German Culture.* 2 hours.
Wednesdays, Fridays, 4.

Mr. BUSSE.

Biedermann's Geschichte der deutschen Kultur is used as a guide for the systematic study of the "Germanic type" and for tracing its organic development under the cultural influences to which it has been subjected.

Open to those who have completed Course B. Courses D and M may be suitably combined.

K—*Historical Grammar of the German Language.* 3 hours.
Mondays, Wednesdays, Fridays, 4.

Professor CURME.

This course consists of a study of the forms and syntax of the German language in their historical development in connection with the reading of important literary works of the different periods. The following texts are used: Braune's Althochdeutsche Grammatik and Althochdeutches Lesebuch, Paul's Mittelhochdeutsche Grammatik, Hartmann von Aue's Der arme Heinrich, Curme's Grammar of the German Language as spoken and written today.

Open to seniors and graduate students.

L—*Middle High German Masterpieces.* 2 hours.
Tuesdays, Thursdays, 3.

Professor CURME.

This course consists of the reading of different masterpieces of the Middle High German period without a formal study of the grammar. In 1906-07 the following works will be taken up: Zarncke's edition of the Nibelungenlied and Martin's Wolframs von Eschenbach Parzival und Titurel.

Open to those who can read modern High German fluently.

N—*East and North Germanic.* 2 hours.
Tuesdays, Thursdays, 3. (Not given in 1906-07.)

Professor CURME.

This course consists of the study of Gothic and Icelandic and the relations of these languages to other members of

the Germanic group. Texts: Stamm-Heyne-Wrede's Ulfilas and Kahle's Altisländisches Elementarbuch.

Open to seniors and graduate students.

Major: Courses A (or BB) and B and six additional year-hours.

Minor: Courses A or (BB) and B.

GREEK LANGUAGE AND LITERATURE.

AA—*White's First Greek Book Complete and Gleason's Story of Cyrus. Greek Composition.* 5 hours.

Mondays, Tuesdays, Wednesdays, Thursdays, Fridays, 10.

Professor SCOTT.

This course may not be taken to remove language requirements for admission, and credit will not be given unless the full course is completed.

AB—*Xenophon's Anabasis, Books I, II, III, IV. Thirty lessons in Greek Composition, Homer's Iliad, three books.* 5 hours.

Mondays, Tuesdays, Wednesdays, Thursdays, Fridays, 9.

Dr. FLICKINGER.

Courses AA and AB are designed for students who enter college without Greek.

A—*Lysias, Select Orations. Plato's Apology. Homer. Greek Composition based on the text.* 4 hours.

Tuesdays, Wednesdays, Thursdays, Fridays, 11.

Professor SCOTT and Dr. FLICKINGER.

B—*Xenophon's Memorabilia of Socrates. Plato's Gorgias. Sophocles' Antigone.* 3 hours.

Mondays, Wednesdays, Fridays, 10.

Mr. OLDFATHER.

C—*Selections from Lyric Poets. Hesiod, Herodotus, Demosthenes, and Lucian.* 4 hours.
Tuesdays, Wednesdays, Thursdays, Fridays, 9.
Professor SCOTT.

G—*Dramatic Poetry.* 4 hours.
Hours to be arranged.
(Given in 1906-07.)
Professor SCOTT.

H—*Homer and Epic Poetry.* 4 hours.
Mondays, Wednesdays, Fridays, 2.
(Not given in 1906-07.)
Professor SCOTT.

K—*Greek and Roman Archaeology.* 2 hours.
Tuesdays, Thursdays, 2.
Dr. FLICKINGER.

A general introduction to the artistic remains of the Greeks and Romans from the Mycenæan age to the time of Hadrian. The course will deal with architecture, sculpture, vases, and coins.

May be counted as one year-hour towards a Greek major.

N—*The Gospels according to Luke and John. The Acts of the Apostles.* 4 hours.
Tuesdays, Wednesdays, Thursdays, Fridays, 10.
Professor HAYES.

This course is given in Garrett Biblical Institute, and students electing it are subject to the regulations of that school.

Major: Courses A and B and five additional year-hours, not including Course N.

Minor: Courses A and B.

HISTORY.

NOTE.—The alphabetical arrangement of courses in this department does not signify the order in which they shall be taken. Course A, C, BC, or D may be chosen as a first course. Courses D, E, and F may be taken most profitably in the order named.

A—*English History.* 3 hours.

Mondays, Wednesdays, Fridays, 3.

Mr. WAY.

English political history from the Anglo-Saxon period to the present day. In addition to the strictly political history of England, the development of governmental institutions and the condition of the church will receive some attention.

B—*English Constitutional History.* 2 hours.

Wednesdays, Fridays, 2. (Not given in 1905-06.)

Mr. WAY.

The constitutional history of England from the Anglo-Saxon period to the present day. The course is designed to show the historical development of the modern English government, with especial reference to Parliament. Intended especially for those students who expect to study law.

Open to all who have sixty semester-hours of credit, after consultation with the instructor in charge.

C—*Colonial History of the United States to 1783.* 2 hours.

Tuesdays, Thursdays, 3.

Professor SHEPPARD.

Given in 1905-06 by Mr. Way.

BC—*American History.* 3 hours.

Mondays, Wednesdays, Fridays, 10, 11.

Professor JAMES.

The Political History of the United States from the Revolution. The formation of the Union, the rise and growth of parties, the influence of westward expansion and of slavery on the political life.

This course is given in two sections, the 11 o'clock sec-

tion being reserved for students having over fifty hours of credit.

CD—*Modern Constitutional Government.* 2 hours.

Tuesdays, Thursdays, 9. (Not given in 1905-06.)

Mr. WAY.

A study of the Governments of England, France, Germany, Switzerland, Austria, Russia, and the United States An attempt to make a thorough examination of the actual working of modern governments and the activity of parties with a view to a comparison of the European Governments with that of the United States.

Open to students who have thirty semester-hours of credit, after consultation with the instructor in charge.

D—*Greek and Roman History.* 2 hours.

Tuesdays, Thursdays, 8.

Professor WILDE.

First Semester.—History of Greece from the earliest times to the Roman Conquest. Constant use of the library for the literature of the subject; reports on reading.

Second Semester.—History of Rome from the earliest times to the fall of the Empire in the West. Assigned reading with reports on the same, submission of a thesis.

Either semester of this course may be taken without the other.

E—*Continental Europe during the Middle Ages.* 3 hours.

Mondays, Wednesdays, Fridays, 10.

Mr. WAY.

This course is intended to furnish an outline of the history of Europe from the fall of Rome to about the middle of the thirteenth century. It deals with the political, religious, and intellectual development of the period. One thesis is required.

Open to those who have thirty semester-hours of credit.

F—*The Renaissance and the Reformation.* 2 hours.

Tuesdays, Thursdays, 10.

Miss SARGENT.

First Semester.—The Political History of Europe from

the middle of the thirteenth century to the close of the fifteenth century; the Renaissance, especially in Italy,—the intellectual development, its contacts with antiquity and the Middle Ages, and its influence on modern life.

Second Semester.—The Reformation, especially in Germany, France, and England; reforming movements before the Reformation; ecclesiastical, political, and social effects of the Reformation.

Open to those who have thirty semester-hours of credit.

G—*European History since the Outbreak of the French Revolution.* 3 hours.

Mondays, Wednesdays, Fridays, 9.

Professor JAMES.

Political history showing the progress of Democracy and aiming to give an understanding of the present condition of European politics.

First Semester.—Causes and events connected with the period of the French Revolution and the Napoleonic Wars.

Second Semester.—The evolution of Constitutional Government in the European States; unification of Germany and of Italy; the Eastern Question and present political conditions.

Open to those who have sixty semester-hours of credit. Other students desiring to take the course must receive special permission from the instructor in charge.

H—*Diplomatic History of the United States.* 2 hours.

Tuesdays, Thursdays, 11.

Mr. WAY.

History of the foreign relations of the United States from the beginning of the Revolution to our own time. Special attention is given to the commercial treaties following the Revolution, annexation of territory, the relations with Spanish America, and the period of the Civil War.

I—*Methods of Teaching History with special reference to the work of Secondary Schools.* 1 hour.

Hour to be arranged.

Professor JAMES and Professor WILDE.

Open to those who make History their major subject and

to others of suitable preparation, after consultation with one of the instructors in charge.

J—*Teachers' Course.* 1 hour.

Hour to be arranged.

(Not given in 1905-06.)

Professor JAMES.

This course is intended primarily for the teachers of History in the schools of Evanston and vicinity. During the year 1904-05 the work was in American History.

College credits may be secured if arranged for at the time of registration.

L—*Church History.* 3 hours.

Tuesdays, Wednesdays, Fridays, 10.

Professor LITTLE.

Post-Nicene History of the Christian Church. Christianity within the Roman Empire; the struggle of the Church with Paganism, with Barbarism, and with Mohammedanism; the Development of the Hierarchy; the rivalries of the Patriarchates; the upbuilding of the Papacy and the growth of Monachism; the relations of the Popes to the Byzantine, Frankish, and German Emperors; the Crusades; the growth and decay of Papal power; the Monastic Schools; the Universities; the Mendicants and Mediæval Heretics; Scholasticism and Superstition; the Church and Mediæval Society; History of the Reformation and of the modern church.

Open to those who have had a course in general history, and have sixty semester-hours of credit.

This course is given in Garrett Biblical Institute, and students electing it are subject to the regulations of that school.

PRIMARILY FOR GRADUATES.

K—*The Fall of Rome and the Rise of New Nations.* 2 hours.

Hours to be arranged.

Professor WILDE.

A study of the last years of the Roman Empire, the

causes of its fall, contacts of Romans and Germans, invasions of the Germans, foundation of the Germanic states on the soil of the empire, early developments in the Frankish kingdom.

Some facility in reading Latin, French, and German is required for this course.

M—*Seminary in American History.* 3 hours.
Thursdays, 3-5.

Professor JAMES.

Open only to those whom the professor in charge considers qualified. One meeting of two hours each week; but each student must give sufficient time in preparation to entitle him to three hours of credit. Additional credit may be acquired if arranged for at the time of registration.

In 1905-06, the subject for consideration is the Diplomatic History of the United States during the administrations of Washington and Adams. Material secured from the French archives forms a basis for the work.

Major: Course A or BC, and seven additional year-hours.

Minor: A or BC, and three additional year-hours.

Those making a major in History are recommended to make a minor in Economics.

LATIN LANGUAGE AND LITERATURE.

A—*Livy, Cicero, Terence.* 4 hours.
Mondays, Tuesdays, Thursdays, Fridays.
Four sections, 9, 10, 11, 2.

Assistant Professor LONG, Mr. OLDFATHER, and Dr. FLICKINGER.

First Semester.—Livy, selections amounting to two books.

Second Semester.—Cicero, de Senectute and selected Letters; Terence, Phormio.

Latin composition throughout the year, with grammatical reviews.

B—First Semester.—*Horace, Odes and Epodes.* 3 hours.
Second Semester.—*Horace, Satires; Tacitus, Agricola and Germania.*
Mondays, Wednesdays, Fridays, 9, 11.
Professor BONBRIGHT and Assistant Professor LONG.
With course B it is advised that Greek and Roman History be included as an elective; see History D, page 125.

C—First Semester.—*Quintilian; Pliny's Letters.*
Second Semester.—*Horace, Epistles, including Art of Poetry.* 3 hours.
Tuesdays, Thursdays, Fridays, 11.
Professor BONBRIGHT.

D—First Semester.—*Catullus and the Latin Elegists.*
Second Semester.—*Tacitus, Annals,—Reign of Tiberius.* 3 hours.
Tuesdays, Thursdays, Fridays, 11.
(Not given in 1906-07.)
Professor BONBRIGHT.

E—First Semester.—*Lucretius,—readings with interpretation.* 2 hours.
Second Semester.—*Cicero, philosophical selections.*
Tuesdays, Thursdays, 10.
(Not given in 1906-07.)
Professor BONBRIGHT.

F—*Latin Comedy and Satire.* 2 hours.
Tuesdays, Thursdays, 10.
Professor BONBRIGHT.
First Semester.—The Roman drama—its history and social position, lectures; Plautus, two or three plays.
Second Semester.—Satiric Poetry and Epigram—Juvenal; Martial.

G—*Greek Schools of Philosophy at Rome.* 2 hours.
Hours to be arranged.

Professor BONBRIGHT.

An advanced course in extension of Course E and of Course F in alternate years.

H—*Vergil.* 2 hours.
Tuesdays, Thursdays, 3.
(Not given in 1906-07.)

Assistant Professor LONG.

First Semester.—Bucolics and Georgics; lectures introductory to the study of Vergil and the Roman epic.

Second Semester.—Aeneid entire; preparation of papers on assigned topics with lectures.

J—*Latin Composition.* 1 hour.
Fridays, 3.

Assistant Professor LONG.

This course presupposes Course A, or its equivalent, and will involve more advanced study of Syntax throughout the year.

K—*Cicero, Orations; Advanced Latin Composition.* 2 hours.
Tuesdays, Thursdays, 3.
(Not given in 1905-06.)

Assistant Professor LONG.

First Semester.—Selections from the early Orations of Cicero; study of rhetorical method and development of style, together with readings from the rhetorical works.

Second Semester.—Practice in writing Latin, based in part on standard prose selections. Problems of Syntax are discussed and special attention given to the study of Latin prose style.

Greek and Roman Archaeology.

See the course designated Greek K, page 123.

Major: Courses A and B, with C or D, and E or F, or an approved equivalent.

Minor: Courses A and B.

MATHEMATICS.

A—*Algebra and Plane Trigonometry.* 4 hours.

Tuesdays, Wednesdays, Thursdays, Fridays.

Eight sections at 8, 8, 9, 9, 10, 11, 11, 2.

Assistant Professor CURTISS, Dr. KEPPEL, Mr. WILSON, and Dr. MOREHEAD.

First Semester.—Algebra, including the theory of quadratic equations, ratio and proportion, progressions, binomial theorem, with an introduction to the general theory of equations and determinants. Emphasis is laid upon the use of graphs.

Second Semester.—Plane Trigonometry, including logarithms and the solution of oblique triangles.

Required of all candidates for a degree, except those who elect Course AB.

AB—*Trigonometry, Algebra, and Analytical Geometry.* 5 hours.

Mondays, Tuesdays, Wednesdays, Thursdays, Fridays, 10.

Dr. MOREHEAD.

First Semester.—Plane Trigonometry and Algebra; a briefer course than is given in Course A.

Second Semester.—Plane Analytical Geometry. An elementary course on the straight line and conic sections.

Course AB may be taken by any student who has met the entrance requirements in Algebra.

AA—*Advanced Algebra.* 2 hours.

Tuesdays, Thursdays, 9.

Dr. KEPPEL.

Second Semester.—A continuation of the work in Algebra of Courses A and AB, covering the elements of the theory of equations, determinants, and irrational numbers.

Open to students who have completed the first semester of either Course A or Course AB, and recommended to all who expect to teach mathematics in secondary schools.

B—*Plane and Solid Analytical Geometry.* 3 hours.
Mondays, Wednesdays, Fridays, 8.

Mr. WILSON.

First Semester.—Plane Analytical Geometry; an elementary course on the straight line and conic sections.

Second Semester.—Cartesian coördinates in three dimensions; the geometry of the plane and quadric surfaces.

Open to students who have completed Course A or its equivalent.

BB—*Differential and Integral Calculus.* 3 hours.
Mondays, Wednesdays, Fridays, 9.

Assistant Professor CURTISS.

First Semester.—Theory of limits, differentiation of common functions, maxima and minima.

Second Semester.—Indefinite and definite integrals, change of variable, areas and volumes, average values of functions.

Open to students who have completed Course AB or its equivalent.

D—*Theory of Equations.* 2 hours.
Tuesdays, Thursdays, 9.

Assistant Professor CURTISS.

H—*Modern Synthetic Geometry.* 3 hours.
Mondays, Wednesdays, Fridays, 10.

Dr. KEPPEL.

Introduction of infinitely distant elements into geometry; central projection; perspectivity and projectivity; generation of conics from projective forms; properties of ruled quadric surfaces; involution; poles and polars; systems of conics. The analytic method is developed side by side with the synthetic.

Open to students who have completed Course B or its equivalent.

J—*Advanced Calculus.* 3 hours.
Mondays, Wednesdays, Fridays, 11.

Assistant Professor CURTISS.

Infinite series; Taylor's Theorem; partial differentiation;

maxima and minima; definite integrals over curves, surfaces, and volumes; the Eulerian functions; Fourier's series; differential equations.

Open to students who have completed Course BB.

K—*Analytical Mechanics.* 2 hours.

Tuesdays, Thursdays, 8.

Mr. WILSON.

A course in Theoretical Mechanics, open to students who have taken Course BB or its equivalent. It includes a study of vectors, uniformly accelerated motions, simple harmonic motions and their composition, elliptic motion, central orbits, force, energy, work, etc.

L—*Surveying; theory and practice.* 2 hours.

Tuesdays, Thursdays, 2.

Dr. KEPPEL.

The use and adjustments of the compass, engineer's transit, solar compass and Y level; the keeping of records and platting of observations; calculation of heights, distances, and areas; elements of the theory of errors. Field work with the instruments will be carried on in small divisions in the fall and spring.

PRIMARILY FOR GRADUATES.

F—*The Partial Differential Equations of Mathematical Physics.* 3 hours.

Mondays, Wednesdays, Fridays, 11.

(Not given in 1905-06.)

Assistant Professor CURTISS.

A course based on Weber's Partielle Differential-gleichungen and including the solution of problems in Heat, Electricity, Elasticity, etc.

Open to the students who have completed Course J or its equivalent.

M—*Theory of Functions.* 3 hours.

Tuesdays, Thursdays, Saturdays, 8.

Mr. WILSON.

N—*Transformation Groups.* 2 hours.
Tuesdays, Thursdays, 11.
Assistant Professor CURTISS.
An introduction to Lie's theory of continuous groups.

P—*Algebraic Equations and Algebraic Geometry.* 2 hours.
Fridays, 2-4. (Not given in 1905-06.)
Dr. KEPPEL.

Major: Fourteen year-hours including Courses A or AB, and B or BB.

Minor: Courses A or AB, and B or BB.

MINERALOGY AND ECONOMIC GEOLOGY.

A—*Mineralogy; Blowpipe Analysis.* 4 hours.
Tuesdays, Thursdays, 11.
Laboratory hours to be arranged between 8 and 12.
Professor CROOK.

First Semester.—Mineralogy; elements of crystallography; Descriptive Mineralogy, including physical properties, chemical composition, occurrence, and association of minerals; determination of minerals by physical characteristics. Dana's "Text-Book of Mineralogy."

Second Semester.—Blowpipe analysis; wet and dry methods of investigation to confirm physical determinations. Brush's "Determinative Mineralogy and Blowpipe Analysis."

C—*Economic Geology.* 3 hours.
Mondays, Wednesdays, Fridays, 9.
Professor CROOK.

First Semester.—A study of soils, fertilizers, abrasives, and lubricants, refractory and fictile materials, building stone, coal, mineral oil, and natural gas—substances embraced under the designation of non-metallic mineral resources.

Second Semester.—Metallic mineral products—gold, silver, platinum, copper, iron, lead, zinc, mercury, and some metals of minor importance—studied in regard to their

origin, geological relations, geographical distribution and uses.

D—*Physical Crystallography.* 2 hours.

Hours to be arranged.

Professor CROOK.

Optical, thermal, magnetic, and molecular properties of crystals. Wooden and glass models, reflecting goniometer and microscope used.

Williams' "Elements of Crystallography" and Groth's "Physikalische Krystallographie."

E—*Assaying.* 2 hours.

Thursdays, 2-6.

Professor CROOK.

First Semester.—Fire assay for base metals; and scorification, cupellation, parting, and weighing of gold and silver.

Second Semester.—Crucible process for assay of precious metals, and general methods for copper, lead, and zinc.

Open to those students who have completed Chemistry A and Mineralogy A.

F—*Advanced Course.* 2 to 5 hours.

Hours to be arranged.

Professor CROOK.

A continuation of the work begun in any one of the courses in General Mineralogy, blowpipe analysis, optical Mineralogy or Economic Geology, for the purpose of preparing the student to enter upon work of special investigation.

G—*Research Course.* 5 to 15 hours.

Hours to be arranged.

Professor CROOK.

For graduate students who have completed the requirements for major work in the department. Special investigation of the physical and chemical properties of some mineral or group of minerals, or particular study of a region of importance from the point of view of Economic

Geology. A full knowledge of the literature of the subject is involved, and ability to use French and German is necessary.

Major: Course A and six additional year-hours, which may include Geology A.

Minor: Course A and two additional year-hours.

MUSIC.

NOTE.—The maximum credit which will be allowed for courses in Music is twenty semester-hours.

Courses A, B, and C are introductory courses in Harmony, Form and Analysis, and Sight Reading, open to college students, but bearing no college credit. Their equivalents, however, must be satisfactorily completed before subsequent courses in the same subjects can be taken.

D—*Harmony.* 2 hours.

Mondays, Thursdays, 11.

Professor LUTKIN.

Text-book: Chadwick's Harmony.

The equivalent of Course A, Introductory Harmony, must be completed before registering for this course.

E—*Form and Analysis.* 1 hour.

Wednesdays, 11.

Professor LUTKIN.

First Semester.—Bach's Inventions. Song Forms (principally Mendelssohn and Chopin).

Second Semester.—Preludes and Fugues (Bach's Well-tempered Clavichord). Sonatas (Mozart, Haydn, and Beethoven).

F—*History of Music.* 2 hours.

Mondays, Thursdays, 2.

Mr. GARWOOD.

First Semester.—Primitive music, the Greek music system, early ecclesiastical styles; polyphonic music of the Middle Ages, history of notation; development of the oratorio, opera camerata; Caccini, Lully, Purcell; comparison of opera of Italy, France, and Germany.

Text-book, Lessons in Musical History, by Fillmore. Supplemented by lectures.

Second Semester.—Biographical work, including required reading covering the classic and modern periods, and an essay on an assigned subject from each member of the class.

Text-book, Evolution of the Art of Music, by Parry.

Lectures on Wagner's Nibelungen Tetralogy, including the Rheingold, Walkyrie, Siegfried, and Götterdämmerung.

G—*Sight Reading and Choral Practice.* 1 hour.
Mondays, Thursdays, 4:45.
Mr. COZINE.

H—*Counterpoint.* 2 hours.
Tuesdays, Fridays, 11.
Professor LUTKIN.

First Semester.—Counterpoint in the various species in two and three parts.

Second Semester.—Counterpoint in three and four parts.

I—*Harmonization of Chorales.* 1 hour.
Mondays, 2.
Professor LUTKIN.

J—*Composition, Homophonic Forms.* 1 hour.
Tuesdays, 2.
Professor LUTKIN.

K—*Advanced History of Music.* 1 hour.
Thursdays, 3.
Mr. GARWOOD.

L—*Analysis.* 1 hour.
Wednesdays, 2.
Professor LUTKIN.
Sonatas, Fugues, Chamber Music.

M—*Counterpoint.* 1 hour.
Wednesdays, 10.
Professor LUTKIN.

First Semester.—Counterpoint in five or more parts.
Second Semester.—Double and Triple Counterpoint.

N—*Canon and Fugue.* 1 hour.
Tuesdays, 10.
Professor LUTKIN.
First Semester.—Canons in various intervals. Two-part Fugues.
Second Semester.—Three and four part Fugues.

P—*Analysis.* 1 hour.
Thursdays, 10.
Professor LUTKIN.
First Semester.—Bach's Preludes and Fugues; Beethoven's Sonatas.
Second Semester.—Chamber Music, Oratorios, Symphonies and Orchestral Music from full score.

NOTE 1.—Members of the Glee Club who have served for one year and who can qualify for Course G (sight reading) may obtain a total credit of two semester-hours on the recommendation of the instructor.

NOTE 2.—Students who have fair ability as players of band instruments may obtain a total credit of four semester-hours for services rendered in the University Band, upon recommendation of the band instructor, their period of service to cover two years.

NOTE 3.—For detailed information in regard to the various courses offered in music, see the catalogue number of the School of Music Bulletin, published in July of each year, also special bulletins issued quarterly.

PHYSICAL CULTURE AND HYGIENE.

B—*Gymnastic Exercise.* 1 hour.
Four sections, Tuesdays, Wednesdays. Thursdays, Fridays, 2, 3, 4, 5.
Miss HUEGIN and Mr. SHERWOOD.
Regular classes for dumb-bell, Indian-club, and other gymnastic exercises are formed for men and women. Careful physical examinations are made. Credit of one hour is given each semester for four hours a week of gymnasium practice.

PHILOSOPHY, PSYCHOLOGY, AND LOGIC.

NOTE.—The alphabetical arrangement of courses exists for convenience of reference—not to indicate the order in which courses should be chosen. It is generally best to elect Course A, or Courses A and B conjointly, before the others, but this is not required except as it is specifically indicated in the following description of the courses.

A—*General Psychology; Logic.* 3 hours.

Mondays, Wednesdays, Fridays, 2.

Associate Professor SCOTT and Dr. EWER.

First Semester.—Psychology. Thorndike's Elements of Psychology; class-room demonstrations and guidance to private observation; demonstration of apparatus and methods of experimental psychology; written exercises and experiments from members of the class; lectures and collateral reading on various topics.

Second Semester.—Logic. An outline of both deductive and inductive logic. Special stress is laid upon the methods of the sciences. Written exercises in the detection of fallacies and the criticism of arguments.

Ab—*Psychology.* 3 hours.

Mondays, Wednesdays, Fridays, 2.

(Second semester only.)

Associate Professor SCOTT.

A continuation of the work of the first semester of Course A and may be taken instead of Logic as the completion of Course A.

B—*Elementary Experimental Psychology.* 2 hours.

Mondays, Wednesdays, 3-5.

Associate Professor SCOTT.

Laboratory work in connection with Course A. Intended for students of General Psychology who desire to become acquainted with laboratory methods, and for those who expect to pursue advanced laboratory courses. Two consecutive hours of laboratory work for one hour of credit.

Course B is open only to those who have taken or who are taking Course A.

C—*History of Philosophy.* 3 hours.

Mondays, Wednesdays, Fridays, 11.

Dr. EWER.

Text-book, lectures, dissertations, the reading of selected writings of Descartes, Spinoza, Leibnitz, Locke, Berkeley, Hume, and Kant.

Open to students who have completed or are taking Course A.

D—*General Introduction to Philosophy.* 3 hours.

Mondays, Wednesdays, Fridays, 4.

(First semester only.)

Dr. EWER.

General introduction to philosophy. Lectures, papers, and discussions. Intended for all who desire to learn about the nature of philosophy, its divisions, and the characteristic attempts to solve its problems.

Open to students who have completed Course A.

E—*Introduction to Ethics and to the Philosophy of Religion.* 3 hours.

Mondays, Wednesdays, Fridays, 3.

Professor COE and Dr. EWER.

First Semester.—An introduction to ethical theory and to practical ethics based upon Mackenzie's "Manual of Ethics." Assigned reading upon the history and the current problems of ethics, with class-room reports.

Second Semester.—An introduction to the philosophy of religion. Lectures, discussions, and library work.

F—*Seminary in the Psychology and Philosophy of Religion.* 3-5 hours.

Tuesdays, 2-4. (Not given in 1905-06.)

Professor COE.

Reading of the chief literature on the psychology of religion; collection and analysis of new data; psychological prolegomena to the philosophy of religion. An introduction to research in the psychology of religion.

Primarily for graduates, but open to properly prepared undergraduates.

G—*Advanced Experimental Psychology.* 2 hours.

Hours to be arranged.

Associate Professor SCOTT.

This course extends the work begun in Course B into some of the more difficult problems, and introduces a limited amount of research. Two consecutive hours of laboratory work will be required for one hour's credit.

Open to students who have completed Course B.

J—*The Philosophy of Nature.* 2 hours.

Hours to be arranged. (Not given in 1905-06.)

Professor COE.

An analysis of the chief notions of the natural and physical sciences (such as law, matter, energy, life, mind), with especial reference to the theory of evolution and man's place in nature. Text-book, lectures, papers, discussions.

Open to students who have had a course in General Psychology, and who have taken or are taking Elementary History of Philosophy.

K—*Advanced History of Philosophy.* 2 hours.

Hours to be arranged. (Not given in 1905-06.)

Professor COE.

Rapid reading of philosophical literature. In addition to the reading required of the whole class, each member will make a critical study of some problem or piece of literature, and present the results in the form of a thesis.

For graduates, and undergraduates who have completed Courses A and C.

L—*Education in Religion and Morals.* 2 hours.

Tuesdays, Thursdays, 8. (Not given in 1905-06.)

Professor COE.

This course includes the philosophy of education, with special reference to religion and morals, a study of the religious development of the child, and a study of the various institutions for the training of character, such as the family, the Sunday school, associations of children and youth, the public schools, and academies and colleges.

Coe's "Education in Religion and Morals," with assigned reading and class-room reports.

Major: Either Courses A, B, G, and three additional year-hours; or Courses A, C, and four additional year-hours.

Minor: Course A or E, and three additional year-hours.

Students who select Philosophy as their major subject will do well to take Course A in their second year.

PHYSICS.

A—*General Physics.* 4 hours.

Mondays, Wednesdays, Fridays, 11.

Assistant Professor TATNALL.

First Semester.—General properties of Matter, Sound, Heat.

Second Semester.—Electricity, Magnetism, Light.

Each week's work consists of two experimental lectures, one recitation, and one laboratory exercise. The laboratory will be open every afternoon in the week except Saturday.

Ames' Text-book of General Physics is used. The laboratory work is guided by a set of instructions prepared and printed especially for this laboratory.

A beginning course requiring no mathematics beyond that necessary for entrance to college. It is recommended as a first-year or second-year study to those contemplating the pursuit of any pure science, engineering, or medicine.

B—*Mechanics.* 3 hours.

Tuesdays, Thursdays, 11.

Professors CREW and TATNALL.

An experimental study of forces, moments of force, moments of inertia, elasticity, etc., forming an introduction to advanced physics. This is a course in pure Dynamics, and serves as an introduction to Applied Mechanics.

Mimeographed notes are placed in the hands of the student as the course proceeds.

Two lectures and one laboratory exercise a week. The laboratory work is guided by a set of instructions prepared and printed especially for this laboratory, which is open,

for this course, every afternoon in the week except Wednesday and Saturday.

Open to students who have completed Course A, or its equivalent.

C—*Electricity and Magnetism.* 4 hours.

Mondays, Fridays. 8.

Professor CREW.

Electricity and Magnetism. Two lectures and two laboratory exercises a week. In the lectures the more general laws of electricity and magnetism are discussed; the practical equations employed in the laboratory are also derived and discussed. J. J. Thomson's Elements of the Mathematical Theory of Electricity and Magnetism is employed as a text-book.

The laboratory is open every afternoon except on Wednesday and Saturday.

Henderson's Practical Electricity and Magnetism represents the direct current work covered in the laboratory. This course also includes some alternate current experiments and forms a solid foundation for all work in electrical engineering.

Open to students who have completed Course A, or its equivalent.

D—*Alternate Currents.* 2 hours.

Tuesdays, Thursdays, 10. (Not given in 1905-06.)

Assistant Professor TATNALL.

First Semester.—The general theory of alternate currents as set forth in Franklin and Williamson's treatise on that subject.

Second Semester.—Laboratory practice with electro-dynamometer, oscillograph, etc., measurements of inductance, capacity, impedance; class-room practice with numerous examples.

For advanced students and graduates.

E—*Mathematical Physics; Electricity.* 2 hours.

Mondays, Fridays, 9.

Professor CREW.

Webster's Theory of Electricity and Magnetism repre-

sents the ground covered. The subject is believed to be essential to all advanced students of pure physics and to those contemplating electrical engineering of high grade. It is also recommended to students interested in applied mathematics.

The course is intended primarily for graduates.

F—*Mathematical Physics.* 2 hours.

Tuesdays, Thursdays, 10.

Assistant Professor TATNALL.

Dynamics of a Particle, Rigid Dynamics, Elasticity and Fluid Motion. Webster's *Dynamics* will be used as a text.

For advanced students and graduates.

S—*Mathematical Physics; Spectroscopy.* 2 hours.

Mondays, Fridays, 9. (Not given in 1905-06.)

Professor CREW.

A course in the general theory of physical optics, spectrum analysis, and astrophysics, including the theory of optical instruments.

For advanced students and graduates. Given in alternate years with Course E. This course is intended to be accompanied by laboratory work along the same line, the hours of credit for which are to be separately determined in each particular case.

G—*Mechanical Drawing.* 2 hours.

Saturdays, 9-12, and one afternoon a week.

Associate Professor BASQUIN.

An introductory course taking up projection, sketching, use of instruments, blue printing, lettering, shop drawings, isometric projection, isometric sketching, and the more useful problems of Descriptive Geometry, followed by applications in Machine Drawing.

The work is guided by blue-printed instructions, in addition to which the student needs a text such as Jamison's Elements of Mechanical Drawings.

H—*Applied Mechanics.* 4 hours.

Tuesday, Thursdays, Saturdays, 8, and one afternoon each week.

Associate Professor BASQUIN.

First Semester.—Hydromechanics, taking up hydrostatics, theoretical hydraulics, flow through orifices, tubes, and pipes, over weirs and in conduits and rivers, water wheels, turbines, pumps, and flow of gases. Text-book: Bovey's Hydraulics.

Second Semester.—Mechanics of Materials. A study of the behavior of iron, steel, cement, etc., under the action of stresses, leading to a discussion of the strength, deformation under load, and proper design of pipes, beams, columns, shafting, joints, etc. Experimental work with a Riehlé Testing Machine. Text-book: Merriman's Mechanics of Materials.

A knowledge of calculus is necessary, also a general knowledge of mechanics such as may be obtained from Physics B.

J—*Thermodynamics, Heat Engines.* 3 hours.

Hours to be arranged.

Associate Professor BASQUIN.

First Semester.—General theory of heat and thermodynamics. Poynting and Thomson's Heat.

Second Semester.—General application of thermodynamics to steam, gas, and air engines as set forth in Ewing's Steam Engines and Other Heat Engines.

K—*Metal Working.* 2 hours.

Two afternoons a week.

Associate Professor BASQUIN and Mr. STARKWEATHER.

The mechanics of metal working is emphasized throughout this course. The use of a tool, such as a file or cold chisel, is first taught, after which the student performs a quantitative experiment determining the forces brought into play by its use. The regular set of exercises involves chipping, filing, scraping, drilling, planing, turning, thread-cutting, and grinding.

The shop will be open each afternoon of the week except

on Saturday. Students may select their own afternoons for work; but a selection once made must be strictly adhered to throughout the semester.

For students who have completed Course A or its equivalent.

L—*Descriptive Geometry.* 2 hours.

Mondays, 2-5, and one afternoon a week.

Associate Professor BASQUIN.

The study of the standard method of representing geometric forms by projections on plane surfaces and the graphical solution of geometric problems. Shades, shadows, and perspective will be taken up in the latter part of the year. Lectures, readings, sketches, and problems. Text: Church's Descriptive Geometry.

Major: Courses A and B and three additional year-hours.

Minor: Course A and two additional year-hours.

ROMANCE LANGUAGES AND LITERATURES.

French.

AA—*Elementary French.* 5 hours.

Daily, except Saturdays, 8, 9, 11, 2.

Mr. KUHNE and Dr. DE SALVIO.

DeBordes' Grammar. Whitney's Reader. Labiche's La Grammaire. Mérimée's Colomba, Sicard's Easy French History. Baillot-Brugnot's Composition. Labiche-Martin's Voyage de M. Perrichon. Papot-Williamson's Easy French Stories. Sand's La Petite Fadette. Simple dictation, private reading, and composition.

This course may not be taken to remove language requirements for admission, and credit will not be given unless the full course is completed.

A—*Modern French.* 4 hours.

Mondays, Tuesdays, Thursdays, Fridays, 10, 11, 11.

Professor BAILLOT and Mr. KUHNE.

Baillot-Brugnot's Composition. Advanced Grammar. Reading. Madame de Girardin's La Joie fait Peur. Eugène

Scribe's Les Doigts de Fée. Coppée's On rend l'Argent. Freeborn's Contes de Daudet. Pailleron's Le Monde ou l'on s'Ennuie.

White's Contes de Maupassant. Victor Hugo's Quatre-Vingt Treize. Canfield's French Lyrics. Coppée's Le Pater. Victor Hugo's Hernani. Private reading: Cameron's Selections from Loti. Hennequin's Lessons in Idiomatic French. Essays.

Open to those who have completed Course AA or its equivalent.

B—*Classic French Literature of the 17th and 18th Centuries.* 3 hours.

Mondays, Wednesdays, Fridays, 8, 9.

Professor BAILLOT.

First Semester.—17th Century. Corneille's Le Cid, Polyeucte. Racine's Athalie. Molière's Le Misanthrope, L'Avare. Warren's Prose Writers of the 17th Century. Composition. History of the French Theater, in dictations.

Collateral reading: Crane's La Société Française au 17e Siècle. Dictations and short lectures on the history of the theater in France.

Second Semester.—18th Century. Lesage's Gil Blas. Voltaire's Zaïre and letters. Beaumarchais' Le Barbier de Séville and letters. A study, with collateral reading, is also made of other authors of the eighteenth century. Exercises on French Syntax.

C—*General Survey of French Literature.* 2 hours.

Tuesdays, Thursdays, 1.

Professor BAILLOT.

Demogeot's French Literature and Darmesteter and Hatzfeld's Le Seizième Siècle en France will be used as text-books, and collateral reading is assigned by the instructor. Dictations. Papers on collateral reading.

D—*Recent French Literature.* 2 hours.

Tuesdays, Thursdays, 9.

Professor BAILLOT.

Study of the literature of the Nineteenth Century, taking

as a basis George Pellissier's Le Mouvement Littéraire au XIXe Siècle. Collateral reading. This course is given in French.

Open to students who have had Course B.

E—*Advanced French.* 2 hours.

Wednesdays, 3.

Professor BAILLOT.

The topics considered will be closely related to those of Courses C and D; but students will be expected to carry on special studies with prepared papers.

F—*Old French and Early French Literature.* 1 hour.

Hour to be arranged.

Mr. KUHNE.

Reading of old French literature in its original form. Phonology and Morphology will be slightly touched upon, serving as an introduction to the study of historical grammar.

Texts: La Chanson de Roland; Aucassin et Nicolette; le Mystère d'Adam.

Open to students who have had Courses B and C or D.

G—*Scientific French.* 3 hours.

Hours to be arranged.

Professor BAILLOT.

Second Semester.—Herdler's Scientific French. Articles from scientific periodicals.

H—*French Conversation with Private Reading.* 1 hour.

Wednesdays, 2-4.

Professor BAILLOT and Mr. KUHNE.

An advanced course open to those who have had Course AA, but registration to be subject to the approval of the instructors.

J—*French, Spanish, and Italian Civilization.* 1 hour.

Professor BAILLOT, Mr. KUHNE, and Dr. DE SALVIO.

Hour to be arranged. (Not given in 1906-07)

A series of lectures designed to give to advanced stu-

dents a better knowledge of the origin and growth of France, Spain, and Italy. The natural resources, the institutions, the arts, the customs peculiar to each country will be studied.

Le Cercle Français meets on alternate Thursdays at 7:30 o'clock p. m., and is open to all students who have completed Courses AA and A.

Italian.

A—*Elementary Course.* 3 hours.

Mondays. Wednesdays, Fridays, 8.

Dr. DE SALVIO.

Grandgent's Grammar and Composition. Bowen's Reader; Goldoni's La Locandiera; Pellico's Le Mie Prigioni; Manzoni's I Promessi Sposi, Selections from Dante's Inferno.

Credit will not be given for this course unless the full course is completed.

B—*Advanced Course.* 3 hours.

Hours to be arranged.

Dr. DE SALVIO.

General view of Italian Literature. Advanced Composition. Selections from Dante's Divina Commedia; D'Ancona e Bacci's Manuale della Letteratura Italiana, Vol. V; Verga's Cavalleria rusticana ed altre novelle; Fogazzari's Fedele; Alfieri's Oreste.

C—*Early Italian.* 2 hours.

(Not given in 1906-07.)

Dr. DE SALVIO.

Lectures on Italian Phonology and Morphology. The Literature of the *Trecento.* Monaci's Crestomazia dei primi secoli; D'Ancona e Bacci's Manuale della Letteratura Italiana, Vol. I.

Open to advanced students and to those who satisfy the instructor of their fitness to take the course.

Spanish.

A—*Elementary Course.* 3 hours.

Mondays, Wednesdays, Fridays, 2.

Dr. DE SALVIO.

Hills and Ford's Grammar; Composition; Matzke's First Spanish Readings; Valdes' José; Galdós' Dona Perfecta; Moratin's El si de las Niñas; Ford's Spanish Anthology.

Credit will not be given for this course unless the full course is completed.

B—*Advanced Course.* 3 hours.

Hours to be arranged.

Dr. DE SALVIO.

Lectures on Spanish Literature with special emphasis on the modern period. Advanced composition. The following list will show approximately the range of reading: Selections from Cervantes' Don Quixote; at least one of Lope de Vega's and Calderón's selected plays; Ramón de Campoamor's Doloras; Galdós' Marianela; Fernán Caballero's La Gaviota; Echegaray's El Gran Galeoto; Valera's Pepita Jiménez; Tamayo y Baus' Un drama nuevo; Ford's Spanish Anthology.

C—*Early Spanish.* 2 hours.

Hours to be arranged.

Dr. DE SALVIO.

Lectures on Spanish Phonology and Morphology. Spanish Literature to the fifteenth century.

Texts to be used are: El Poema del Cid, edited by R. Menéndez Pidal; Adolph Keller's Altspanisches Lesebuch mit Grammatik und Glossar.

Open to advanced students and to those who satisfy the instructor of their fitness to take the course.

Major: Courses A and B (French) and six additional year-hours.

Minor: Courses A and B (French).

SCANDINAVIAN LANGUAGES.

Norwegian-Danish.

NOTE.—These courses are given in the Norwegian-Danish Theological School and students electing them are subject to the regulations of that school.

A—*Norwegian-Danish Language.* 4 hours.
Tuesdays, Wednesdays, Thursdays, Fridays, 10.
Dr. SIMONSEN.

For students with a reading and speaking knowledge of the language. After a thorough study of Hofgaard's larger Grammar the student is required to write essays and make translations from Norwegian-Danish into English and from English into Norwegian-Danish.

B—*Norwegian-Danish Literature.* 3 hours.
Wednesdays, Thursdays, Fridays, 11.
Second semester only.
Dr. SIMONSEN.

For students who have a reading and speaking knowledge of the language. Text-book: Broch and Seip's History of Literature.

C—*Elementary Study of Norwegian-Danish Language and Literature.* 3 hours.
Mondays, Tuesdays, Wednesdays, 9.
Dr. SIMONSEN.

Text-books: Hofgaard's Elementary Grammar and Broch and Seip's History of Literature.

Open to students who have no knowledge of the language, but will not be given unless elected by as many as six students.

Swedish.

NOTE.—These courses are given in the Swedish Theological Seminary, and are open to students who have a reading and speaking knowledge of the Swedish language. Students electing them are subject to the regulations of that school.

A—*Elementary Swedish.* 3 hours.
Tuesdays, Wednesdays, Thursdays, 11.

Mr. WALLENIUS.

After a thorough study of Sundén's Grammar the student is required to make translations from Swedish into English and from English into Swedish.

B—*Swedish Literature.* 3 hours.
Tuesdays, Wednesdays, Thursdays, 1.

Mr. WALLENIUS.

Text-book: Karl Warburg's History of Swedish Literature. Select reading from Tegnér and Runeberg. Students are also required to write essays.

SEMITIC LANGUAGES.

NOTE.—These courses are given in Garrett Biblical Institute, and students electing them are subject to the regulations of that school.

Hebrew.

A—*Elements of Hebrew Language.* 4 hours.
Tuesdays, Wednesdays, Thursdays, Fridays, 9.

Mr. RAPP.

B—*Introduction to Hebrew Literature.* 2 hours.
Tuesdays, Thursdays, 8.

Professor EISELEN.

Exegetical and critical reading of selections from the prophetic and from the poetic literature of the Hebrews.

C—*Historical Literature.* 1 hour
Hour to be arranged.

Professor EISELEN.

Rapid reading of historical books with more extensive study of Hebrew grammar, especially syntax.

D—*Graduate Courses.*
Credit and hours to be arranged.

Professor EISELEN.

(a) Studies in Isaiah; (b) Studies in Genesis; (c) The Messianic ideas and ideals in the Old Testament; (d) Rapid reading of the Minor Prophets; (e) Seminary Course—the religious life and beliefs of the Hebrews, as shown in the activity and the teaching of their inspired leaders.

Assyrian.

E—*Elementary Course.* 2 hours.

Hours to be arranged.

Professor EISELEN.

Grammar and reading of easy historical texts.

Aramaic.

F—*Elementary Course.* 1 hour.

Hours to be arranged.

Professor EISELEN.

Study of the Aramaic language and portions of the Old Testament.

Courses E and F are open only to those who have completed at least the equivalent of Course A.

Minor: Courses A and B.

ZOÖLOGY.

A—*Structure, Development, and Evolution of Animal Life.* 4 hours.

Lecture: Tuesdays, Thursdays, 9. Laboratory hours to be arranged between 9 and 12, daily except Saturday.

Professor LOCY, Dr. HARPER, Mr. TWINING, and assistants.

A course of instruction adapted to fill a place in general education. It embraces a comparative study of living organisms as a whole in which the physiological side receives much attention. Observations on the properties of living matter are followed by a few selected types of invertebrated animals, beginning with the simplest and proceeding to the more complex.

The course is open to those who have had no previous instruction in zoölogy or biology, and is also advisable for students who have had a year's work in the high school. A

special section for the latter will be formed in the laboratory, so that acceptable work already done need not be duplicated.

In the second semester, the basis of the doctrine of organic evolution is set forth and its present status indicated. A large part of the time of this semester is devoted to observations on the development of animals, using eggs of fishes, amphibia, and the chick.

B—*Comparative Anatomy and Physiology of Vertebrates.* 4 hours.

Wednesdays, Fridays, 9. Laboratory work to be arranged on Tuesdays, Wednesdays, Thursdays, Fridays, 9-12.

Professor Locy and Mr. Wilkinson.

First Semester.—Comparative Anatomy. Study of Selected Vertebrate Types, continuing the work of Zoölogy A into the group of Vertebrates. The recitations and lectures will be based on Weidersheim's "Comparative Anatomy of Vertebrates."

Second Semester.—Vertebrate Embryology, with a discussion of the broader problems opened by a study of the development of animals. Lectures and laboratory work.

AB[a]—*Physiology.* 3 hours.

Mondays, Wednesdays, Fridays, 2. (Given in 1905-06 and in alternate years.)

Dr. Harper.

Open to students who have had Zoölogy A or its equivalent. The first semester is given to general Physiology. Reproduction, irritability, and metabolism are treated from the standpoint of the cell and the lower animals. Experiments upon the Protozoa and lower forms are included in the laboratory work. Verworn's Physiology is used with frequent references to other authors. The second semester will be given to special Physiology.

An adaptation of the work in Physiology is permitted as follows: Students who have not had previous training in Zoölogy will be admitted to a section in which the Essentials of Physiology are covered in a course of four hours extending through one semester.

AB[b]—*Invertebrate Zoölogy.* 3 hours.

Mondays, Wednesdays, Fridays, 2. (Given in 1906-07 and in alternate years.)

Dr. HARPER.

This course supplements Course A, and extends the series of types studied in that course with reference to structure and development. Attention is given largely to the animals of this region in respect to their life-histories, habits, distribution, and adaptation to their environment. Some diversity is permitted in the work of different students.

C—*Cytology and Histology.* 3 hours.

Mondays, 9. Laboratory hours to be arranged.

Dr. HARPER.

First Semester.—Cell-life and Elementary Histology. Anatomy and physiology of the cell, microscopical structure of the elementary animal tissues, and principles and practice of the general methods of microscopical technique.

Second Semester.—Microscopical Structure of the Animal Organs. Principles and practice of the important special methods of microscopical technique. Wilson's "The Cell in Development and Inheritance" and Stöhr's "Textbook of Histology" are used.

D—*Physiology.* 3 hours.

Mondays, Wednesdays, Fridays, 3.

Dr. HARPER.

Intended for students preparing for medicine. Based on Hall's text-book and laboratory manual. It includes all the first year of Physiology in the Medical School, and is accepted in full for that course.

E[a]—*The Central Nervous System and its Terminal Organs.* 1 hour.

Tuesdays, 4.

(Given in 1906-07 and in alternate years.)

Professor LOCY.

Two hours of credit may be secured in this course by adding to the lecture three hours of laboratory work.

First Semester.—The Central Nervous System. Comparative Structure of the Central Nervous System, with discussions on some of its physiological activities.

Lectures and demonstrations, adapted to those taking or contemplating the study of Psychology, and to others who wish to become acquainted with the structure and general physiology of the nervous system.

Second Semester.—The Structure and Evolution of Sense Organs.

E[b]—*Rise and Development of General Biology and Zoölogy.* 1 hour.

Tuesdays, 4. (Given in 1907-08 and in alternate years.)

Professor Locy.

Historical lectures in which the rise and development of General Biology and Zoölogy is traced from the renascence of science to the present. Particular attention is given to the beginning, the growth, and the modification of fundamental doctrines and principles that have become fruitful in the nineteenth century. Intended primarily for students taking Zoölogy A or other work in the department. The course is also open to students who have pursued elementary work in General Biology.

F—*Topics of Investigation.*

May be elected as (*a*) five hours or (*b*) ten hours. Hours to be arranged.

Professor Locy.

Open to students who have completed two years of work in Zoölogy. Problems of limited extent are assigned after consultation with the professor in charge, and worked out under his direction with such help as is required. This forms an introduction to the work of original research. The completion of the course involves the consultation of the literature bearing on the problem in hand, and the preparation of a thesis embodying the results of the investigation. A reading familiarity with French and German is essential for entering this course.

G—*Research Work.*

Hours to be arranged.

Professor LOCY.

For graduate students who have completed the equivalent of the courses prescribed above; may be elected either for ten hours or for fifteen hours of credit.

Similar to Course F, but with broader scope and more rigid requirements as to the thesis, which must embody a critical review of the principal literature and substantial conclusions based upon the personal work of the student. Means of publication will be found for all papers which are worthy of it.

Major: Course A and six additional year-hours.

Minor: Course A and two additional year-hours.

A Major in Biology is allowed to consist of Botany A and Zoölogy A. and either Botany B or C, or Zoölogy C or D.

PROFESSIONAL STUDIES.

The following detailed statements indicate in a general way how a student in college may arrange his program of studies to advantage in preparation for a professional career, and how, under some conditions, he may shorten the time necessary to secure degrees in both the College of Liberal Arts and a professional or technical school.

College credit for studies pursued in professional schools is in all cases restricted to work done in the schools of this University.

Students Preparing for Medicine.

Students intending to enter the Medical School, and desiring to shorten the time required for degrees in both Arts and Medicine, may be released from further work in the College of Liberal Arts when they have secured ninety semester-hours of credit. This credit must include all the required studies for the degree sought, as shown on pp. 91 and 92, and must fulfill the requirements as to major and minor. If the student's work is properly planned this necessary credit can be secured in three years.

Such students, while continuing registration for the fourth year in College, may during that year give their full time to work in the Medical School. The certificate from the Medical Faculty that the equivalent of a full year's work has been satisfactorily accomplished will be accepted in the College as completing the one hundred and twenty hours required for the bachelor's degree.

Credit from the Medical School cannot be accepted in subjects for which credit has already been given in the College of Liberal Arts, nor can time spent in the Medical School be counted toward the year of residence in the College of Liberal Arts required of all candidates for the bachelor's degree.

This plan of combined courses makes it possible to secure both degrees in seven years, three in the College and four in the Medical School. For all work done in the Medical School the full fees of that school must be paid.

On the other hand, some courses offered in the College of Liberal Arts are the equivalents of corresponding courses in the Medical School, and may be taken for credit in that school. Students who complete Chemistry A and B, Physics A, and the second semester of Chemistry C (Volumetric Analysis) in the College laboratories will be given credit for Chemistry a, b, c, d, e, f, that is, first year Chemistry in the Medical School. Those who complete Zoölogy A, B, C, D, and E[a] will receive credit for Histology and Embryology a, b, c, d, e, and Physiology a, b, c, d, e, in the Medical School. Students who include these courses in their college program may transfer to the Medical School at graduation and enter that school with approximately a year of advanced credit. They will thus be able to complete the Medical course in three years, securing both degrees in seven years, four in College and three in the Medical School.

If further, by careful planning from the first, the student is able to include the courses mentioned in Chemistry, Physics, and Zoölogy in his first ninety hours of credit, the requirements as to specified subjects and as to major and minor being at the same time met, he may enter the Medical School for his fourth year, and by extra work in summer courses he may complete the requirements for both degrees in six years, three in College and three in the Medical School, but this can only be accomplished under the most favorable conditions.

Students who intend to spend but three years in actual attendance upon lectures in the Medical School should formally register in that school a year earlier.

For students who plan to secure both degrees in six years, the following order of studies in College is recommended:

First Year.—Physics A, Zoölogy A.
Second Year.—Chemistry A, Zoölogy B and C.
Third Year.—Chemistry B, Chemistry C, second semester, Zoölogy D, Zoölogy E[a].

Students Preparing for Law.

Thirty semester-hours of work done in the Law School will be accepted by the College of Liberal Arts to apply toward meeting the requirements for a bachelor's degree. Consequently a student in College who has secured ninety hours of credit, including all the required studies for his degree as described on pages 91 and 92, and who has met the requirements as to major and minor, may transfer to the Law School and complete there the work for the collegiate bachelor's degree.

Students so transferring, however, must continue their formal registration in college, though doing all their work in the Law School, and they will be required to pay the Law School fees while pursuing studies in that school.

The satisfactory completion of the first year of the Law School course, as certified by the Faculty of that School, will be deemed sufficient to make good the remaining hours of the one hundred and twenty hours required for the collegiate degree.

Time spent in the Law School cannot be counted toward the year of residence required of all candidates for a collegiate degree.

Students Contemplating the Study of Theology.

Students in the College of Liberal Arts who have completed sixty semester-hours of credit and who wish to shorten the time for securing degrees in Arts and Theology, may elect certain courses in Garrett Biblical Institute to the amount of thirty semester-hours, thereby reducing the time for the combined programs by one year. Work done in Garrett Biblical Institute cannot, however, be applied toward meeting the requirement of one year of residence for a degree in the College of Liberal Arts.

For convenience the courses in the Institute open to College students are listed among those offered in the College of Liberal Arts, and are repeated here as they appear in the Institute catalogue. The names in parentheses are the College designations of the courses.

Hebrew of the Junior and Middle years (Hebrew A and B).

Greek of the Junior year in the degree course (Greek N).

History of the Christian Church, mediaeval, reformation, and modern periods (History L).

Comparative Religions (Bible F).

Since exegesis plays so large a part in a theological course, students contemplating the study of Theology should secure while in college a ready command of the Greek and Hebrew languages. They will also find that a knowledge of German will prove serviceable in reading modern theological literature.

Students Contemplating the Study of Pharmacy.

Students who have secured ninety semester-hours of credit at the end of their third year in the College of Liberal Arts, including therein all the prescribed courses for their degree, and have met the requirements as to major and minor, may enter the School of Pharmacy, and by satisfactorily completing the work of two half-year terms in that school may meet the total requirements for the bachelor's degree.

The degree of Master of Pharmacy may then be obtained by completing the third and fourth terms of the Pharmacy program.

The credit to be allowed in the College for work done in the School of Pharmacy may not exceed thirty semester-hours, and it may not include any items for which credit in the College of Liberal Arts has already been secured. Neither can time spent in the School of Pharmacy be counted toward the year of residence required of all candidates for a collegiate degree.

Students taking any work in the School of Pharmacy must pay the fees of that school.

Students Contemplating Engineering.

Professional courses of an advanced character in the different branches of Engineering presuppose a liberal training equivalent at least to two full years of a college course, and a student who expects to become a professional engineer will find it greatly to his advantage to complete a full course for a bachelor's degree before entering on such professional studies. In meeting the requirements for a bachelor's degree he may elect a large number of engineering courses, or courses which are in direct preparation for subsequent technical studies, and so lay a broad and substan-

tial foundation for a professional career. He may register as a candidate for either the degree of Bachelor of Arts or Bachelor of Science, but as a rule will have most elective time at his disposal by following the program for the degree of Bachelor of Science. Of the prescribed courses for this degree, as described on page 92, he is advised to take Mathematics AB in the first year; also to take Physics A and Chemistry A as the two required sciences. His elective work and the department in which he makes a major will depend upon the special branch of Engineering for which he is planning.

If he contemplates Mechanical, Electrical, or Civil Engineering, he will find it to his advantage to do his major work in Physics or in Mathematics, and he should include in his program as many of the following courses as possible:

First Year. —Mathematics AB or A.
Chemistry A (General Chemistry).
Second Year.—Mathematics BB or B.
" L (Surveying).
Physics A (Introductory Course).
" G (Mechanical Drawing).
Third Year. —Physics B (Mechanics, Light).
" K (Metal Working).
Mathematics J (Calculus and Differential Equations).
Fourth Year.—Physics C (Electricity and Magnetism).
" H (Applied Mechanics).
" J (Thermodynamics and Heat Engines).
" L (Descriptive Geometry).

If the student contemplates Mining Engineering, he will do well to make his major in Geology or Mineralogy and devote a large part of his elective time to work in those two departments, with auxiliary electives in Chemistry, Mathematics, and Physics.

If he plans for Chemical or Sanitary Engineering, he should make his major in Chemistry, taking all courses there offered with others in Botany and Zoölogy.

Where a definite end is sought and an engineering career has been fully determined upon, the selection of elective studies should be made in close consultation with the student's adviser, and always with the end clearly in view. A proper choice of studies will make it possible for a student to complete a technical course in two years after graduation from College. If, on the

other hand, the student prefers after graduation to enter directly upon practical engineering work, he will find that a program such as is outlined above, or such as may be arranged in College with his adviser, will enable him to do so with advantage.

Courses Preparing for Business and the Public Service.

Students who are preparing for a business career or for the public service will find ample opportunities for study along lines helpful to them in the departments of Economics and History. The program of required studies for the Bachelor's degree is such that the student may devote nearly the whole of the third and fourth years of the course to special study in these departments, and he may also give some time to work in these departments in the second year.

If the student is registered for the degree of Bachelor of Science, the required studies will include both French and German, but in any case persons proposing to enter business or the public service are advised to secure a good reading knowledge of both of these languages. An acquaintance with the elements of at least two sciences should also be secured.

After the introductory courses in the two departments of Economics and History, in which he will best make his major and minor, the student will find Courses F, J, and L in Economics more intensive, offering special advantages to those preparing for a business or commercial career; while Course B in Economics and Course H in History are especially valuable for those who wish to prepare for the public service. The Seminary Course in either department offers to advanced students opportunity for original and detailed investigation of special subjects.

REGULATIONS AFFECTING UNDERGRADUATES.

Registration.

Every undergraduate student is required to present himself at the office of the Registrar for the registration of his studies before entering upon College work. The following are the rules governing such registration:

1. Registration days are the first Tuesday, Wednesday, and Thursday of each semester, and students not registered at the close of this period are subject to a fee of two dollars for later registration.

2. On the registration days of the first semester the student must record the work of the whole year. He is expected to continue throughout the year the work for which he then registers and may not change it without special permission from the Registration Committee.

3. Before completing registration, students are required to consult their Faculty advisers as to their college work.

4. No college credit can be obtained for work not regularly registered.

5. Prescribed studies take precedence in registration over elective studies and in the order in which they are prescribed.

6. Every student must register for fifteen hours of work a week, unless permission has been obtained from the Registration Committee to register for less or more. Two hours of laboratory work are credited as one hour.

NOTE.—Permission to register for more than fifteen hours is a privilege, and will not be granted unless the committee is satisfied that the student can carry the whole work creditably. No student may register for more than twelve hours if he is engaged in such outside work as will make a serious drain on his time or energy.

7. No student will be registered as a candidate for a degree who has deficiencies in entrance work amounting to more than five hours a week through one year; and no student will be credited with college work in the published lists of the catalogue until all entrance deficiencies are made up.

8. All entrance conditions must be removed before the beginning of the second year of residence; otherwise the work necessary to fulfill the entrance requirements must appear as a part of

the regular registration for that year, the total registration to be limited to sixteen hours.

9. All undergraduates must state upon their registration papers the full amount of work which they propose to undertake each semester, whether in the College of Liberal Arts or elsewhere, indicating the number of hours to be devoted to each subject, and the school or department in which it is proposed to do such work.

10. All students of the College of Liberal Arts desiring to take work in any other department of the University must first obtain formal consent from the faculty of the College of Liberal Arts and also from the Faculty of the department in which such work is to be taken, and must file such consent with the Registrar before beginning the work. Failure to comply with this regulation will be deemed sufficient cause for the cancellation of the student's entire registration.

11. On the registration days of each semester the student must obtain from the Registrar a statement of his tuition bill for the semester. This must be presented at once at the Business Manager's Office for settlement.

Examinations.

Regular Examinations are held at the close of each semester in the studies of that semester. Any student whose daily work has not been satisfactory may be excluded from examination.

Second Examinations are set for students who have been absent from a regular examination, or who have failed to receive a passing grade at a regular examination. Such second examinations are held on the first Wednesday in the first semester, on the first Monday and on the Monday following Easter in the second semester.

No student may take more than one *second examination* for the same item of credit, and such second examination must be taken within nine months from the date of the *regular examination* at which credit should have been obtained.

Students absent from the regular examinations of the first semester will not be admitted to the second examinations held in February, except by permission of the instructor in charge, and such permission will be limited to cases of illness or other urgent necessity.

Additional Examinations, to make up work which has been lost by excess of absences from class work, are appointed for the last Thursday of the first semester and the last Friday of the second semester.

Students absent from a required *additional* examination are held to take that examination at the next date set, and no credit can be given for the course until this examination is passed.

Special Examinations at times other than those specified above can be given only by special permission of the faculty.

Grades of Scholarship.

At the end of each semester the standing of a student in each of his courses is reported by the instructor to the Registrar and is entered of record. The student's standing is expressed, according to his proficiency, by one of five grades, designated A, B, C, F, R.

Grade A denotes excellent scholarship; grade B, good scholarship; grade C, poor scholarship; grade F, failure, making necessary a *second* examination; grade R, failure so serious that the work must be repeated in the class-room if credit is desired.

Grades A, B, and C count toward a degree; but not more than one-sixth of the work done under this Faculty offered to meet the requirements for graduation may be of grade C, and no work of grade C may be counted toward a major.

Work marked grade C may be accorded a higher grade by examination under the same regulations as apply to work marked F; the original marking, however, will remain in the record as a matter of history.

Work reported as of grade F must be made good at a *second* examination within nine months, or the work must be taken again in the class-room in order that credit may be obtained.

Work reported *incomplete*, not made good before the close of the next succeeding semester, can thereafter be given credit only under the conditions which apply to work reported *failed*.

Students who do not take the *regular* examination in any subject at the close of the semester will be reported *absent*, and credit for that subject can only be obtained by passing a *second* examination at a proper time.

Undergraduates are not allowed credit for work done *in absentia*. Only those who have duly registered and have regularly pursued their studies in classes are admitted to examinations.

The semester record of each undergraduate is sent by the Registrar to the student's father or guardian.

Absences from Class Exercises.

Students are expected to attend all of the regular exercises in the courses for which they are registered.

If, in any semester, the absences of a student in a single course exceed one-eighth of the total number of assigned exercises in that course, he will be required to take, besides the regular examination at the close of the semester, an *additional* examination in that subject. The dates fixed for additional examinations are the last Thursday of the first semester and the last Friday of the second semester.

When a student's absences in any study exceed one-sixth of the total requirements in that study, his registration in that subject is cancelled, and the privilege of examination is denied. This rule is administered by the Committee on Registration, which has power to restore the cancelled registration at its discretion.

GRADUATE STUDIES.

Advanced courses of study adapted to the needs of graduate students are offered in most of the departments of instruction. These are in excess of the amount required for an undergraduate major, and may be pursued either with or without reference to an advanced degree. They are open to properly qualified candidates from this and from other universities. The conditions under which students may register for graduate work are given below, and the regulations affecting advanced degrees may be found on pages 169, 170, and 171.

The work of graduate students is under the supervision of a standing committee of the Faculty, but in general a graduate student may pursue any study for which, in the judgment of the instructor in charge, he is prepared.

Every graduate student proposing to pursue advanced work as a candidate for a degree or otherwise, is required to register for such work before it is undertaken.

The following are the rules governing graduate registration:

1. The registration of resident candidates for a Master's degree must be effected not later than the first Monday in October next preceding the date of the final examination. The registration of non-resident candidates must be effected one year earlier than this date.

NOTE.—The provision "in residence" requires regular attendance upon all prescribed lectures or other exercises in the courses which the candidate pursues. Such prescribed lectures and exercises will occur at least once a week in each course of instruction.

2. A student desiring to become a candidate for a Master's degree while enrolled in one of the professional schools of this University, under Rule 4, page 169, must register as a graduate student in the College of Liberal Arts, and upon such registration will be regarded as a resident candidate.

3. A student who desires to become a candidate for a Master's degree after graduation from one of the professional schools of this University, under Rule 4, page 169, must register for the same in the College of Liberal Arts as early as the first Monday in October next following the completion of the professional course.

4. The registration of a candidate for the Doctor's degree must be effected not later than the first Monday in October next preceding the date of the final examination.

5. A candidate for an advanced degree, prior to his registration, must furnish to the Registrar all data required for due record of his application, together with a statement of the courses of study which he proposes to pursue.

6. The above application and statement of courses must be approved by the Committee on Graduate Study and by the heads of the departments in which the work is to be taken. Such approval must be filed with the Registrar as a condition preliminary to registration.

7. Graduates of this, or of any other college, who are not candidates for an advanced degree, may, with the consent of the departments concerned, register as resident students in such advanced studies as they are found prepared to pursue.

DEGREES.

The Bachelor's Degree.

The programs of study described on pages 91 and 92 lead to the degrees of Bachelor of Arts and Bachelor of Science. The following regulations have been prescribed affecting the attainment of such degrees:

1. In order to be recognized as a candidate for a Bachelor's degree a student must file a petition with the Registrar, using for the purpose a form provided by the University, on or before the last Saturday in May of the year next preceding the year in which he expects to obtain the degree.

2. He must have pursued studies in residence in the College of Liberal Arts of this University for at least one college year before the degree can be conferred.

3. He must have completed all the courses prescribed for the degree sought, and in addition elective courses sufficient to have secured a total credit of one hundred and twenty semester-hours. The total credit obtained must include the major work of at least one department, and the minor work of at least one other department.

4. In making up the total number of hours required for graduation, not more than one-sixth of the work done under this Faculty may be of grade C.

5. No student will be recognized as a candidate for a degree at the close of any academic year who has not by the first of October in that year removed all entrance conditions and secured on record a total of at least eighty-four hours of credit, including all required studies of the first year.

The Master's Degree.

A Master's degree may be conferred upon Bachelors of this University, or of any other institution of accepted grade, under the following regulations:

1. Before being recommended for a Master's degree the candidate must have pursued studies in residence in the College of Liberal Arts of this University for at least one year, except as stated below.

2. Any Bachelor of this University may become a non-resident candidate for the corresponding Master's degree, but such candidates cannot receive the degree earlier than two years after graduation. Graduates of other institutions will not be admitted as non-resident candidates for a degree.

3. Any Bachelor of this University, or of another institution of accepted grade, may become a candidate for a Master's degree while pursuing studies in the Medical School or Law School of this University, or in Garrett Biblical Institute, or on the completion of the professional course in either of these schools, subject to the provisions of Rule 3 on page 167.

4. Each candidate for a Master's degree must present credit in approved courses of study amounting to thirty semester-hours. If he is enrolled in one of the professional schools above enumerated, or has graduated therefrom, his credit must amount to twelve semester-hours of advanced work in an approved field of study, in addition to the completion of the maximum prescribed professional course.

This advanced work, in the case of students in the professional schools, may be taken either under the Faculty of the College of Liberal Arts or the Faculty of the professional school, but in any case it must be approved by the Committee on Graduate Study of the College of Liberal Arts.

5. At least one-half of the work offered for a Master's degree must be chosen from one or, at most, from two departments of study in which the candidate has previously taken the undergraduate major work or its full equivalent.

6. The candidate must present a thesis on an approved topic pertaining to the primary subject. The subject of this thesis must be filed with the Registrar not later than the first Wednesday in December; the thesis itself must be filed with the Registrar as early as the Saturday next preceding the last Monday in April. It shall be printed or typewritten in prescribed form and a copy shall be furnished to the library of the College of Liberal Arts.

7. Candidates for a Bachelor's degree who during their undergraduate course devote their excess of time to the continuation of their major subject, or to such other advanced topics as may be approved by the Registration Committee, may have such work, if satisfactorily completed, credited toward a Master's degree; but in no case will the Master's degree be conferred in less than one year after the conferring of the Bachelor's degree.

8. A non-resident candidate for a Master's degree will be required to make written report from time to time as to the progress of his work.

9. The final examination of candidates for the Master's degree will take place at the University at an appointed date, about May 20th. The examination is conducted by a committee composed of the head of the department in which the student has done his primary work and at least two other members of the Faculty chosen from the same or from related departments. In the case of candidates doing work in the professional schools, two members of the Faculty of the College of Liberal Arts shall be on the examining committee.

The Doctor's Degree.

The degree of Doctor of Philosophy is conferred under the following regulations:

1. A candidate for the degree of Doctor of Philosophy must have received the Bachelor's degree from this University, or from some other institution of accepted standing.

2. The degree may be conferred on successful candidates after three years of graduate study, of which at least two must be in residence. The last year, or the first two years, of the three required must be spent in residence at this University. The period of three years may, however, be shortened in the case of students who, as undergraduates, have pursued special studies beyond the requirement for major work in the direction of their proposed graduate work. Study for any specified time will not be regarded as sufficient ground for conferring the degree. High attainments in scholarship and evidence of original investigation will be expected.

3. Two-thirds of the candidate's time must be given to advanced work in some one department which shall constitute his primary subject. The remaining time must be given to either one or two secondary subjects. The requirement, "advanced work," will imply an amount of preliminary study in the given subject equivalent to at least the undergraduate "major work" of the department concerned.

4. A reading knowledge of French and German will be required as a preliminary qualification. In exceptional cases an equivalent in Latin, Greek, or Hebrew may be accepted instead of French.

5. Every candidate must present a thesis upon an approved topic pertaining to his primary subject. The thesis must give evidence of original investigation. A revised typewritten copy in prescribed form must be filed with the Registrar as early as the Saturday next preceding the last Monday in April. If the thesis is approved the candidate must, within such time as shall be designated, present twenty-five printed copies of it to the University Library. The final examination, which will be held about May 20th, will be both written and oral, and will cover the entire primary subject, including the topic of the thesis.

The secondary subject, or subjects, may be discontinued when the candidate has fulfilled all requirements as to attendance at lectures and has passed a written examination upon such subjects.

Students in Garrett Biblical Institute may become candidates for the degree of Doctor of Philosophy under the following special regulations, the general regulations affecting examinations, thesis, and a knowledge of foreign languages applying to these candidates as well as to others:

1. The candidate must have completed a Bachelor's course, the sufficiency of which has been accepted by a joint committee of the Faculty of the Institute and the Faculty of the College of Liberal Arts.

2. He must have completed two full years of theological study, either in Garrett Biblical Institute or in another theological school of recognized high standing.

3. He must be accepted as a candidate for the degree of Doctor of Philosophy by a vote of the Faculty of the Institute, and must be registered as a candidate for such degree with the Registrar of the College of Liberal Arts; after this he must continue in residence at least two years, and must complete the work of two full years. Of this work two thirds must be taken in one department of the Institute; the remaining one-third may be taken in not more than two departments of the Institute or of the College of Liberal Arts. The whole course of study selected will be subject to the approval of the faculty of the College of Liberal Arts, through its Committee on Graduate Study. During the two years of his residence the candidate will be subject to the direction of the head of the department in which his primary work is taken.

4. Of the four years thus required as a *minimum* for the

degree of Doctor of Philosophy, three at least must be spent in residence at a theological school of high standing, and the last two at Garrett Biblical Institute.

THE LIBRARY.

The Library of the College of Liberal Arts is housed in a commodious building erected in 1894 through the generosity of the late Orrington Lunt, who was identified with the University from its foundation and for several years was president of the Board of Trustees. A description of the Library building is given on page 57. The Library contains 60,350 bound volumes and approximately 39,500 pamphlets. It is open to all officers of the University, and to students upon the payment of their regular semester bills, under the following regulations:

1. During the college year the library is open daily, except on Sunday, from eight o'clock, A. M., to nine o'clock, P. M. In the summer vacation, except on Saturday afternoon and Sunday, the hours are from eight to twelve o'clock, A. M., and from half-past one to five o'clock, P. M. The library is closed all day on the following legal holidays: New Year's Day, the Fourth of July, Thanksgiving Day, and Christmas Day.

2. All officers of the University have direct access to the shelves, and may at any time draw books for use outside of the library.

3. Students may draw for home use as many as three books at a time, which may be kept for two weeks and be once renewed for a like period.

4. Advanced students are allowed access to the shelves upon the recommendation of their instructors.

5. All students have direct access to the current periodicals, books of reference, and such other books as are placed on the reserved shelves in the reading-room at the instance of the instructors in the several departments.

6. Persons not connected with the University, desiring to use the library for purposes of study, may be allowed library privileges if responsibly introduced.

GROUNDS AND BUILDINGS.

The University Campus has an area of about seventy-five acres, and is beautifully situated on the shore of Lake Michigan. University Hall, Fayerweather Hall of Science, Dearborn Observatory, Fisk Hall, Memorial Hall, Swift Hall, Orrington Lunt Library, Old College, the Gymnasium, the Dormitory, and Heck Hall are all on the Campus. Willard Hall, Pearsons Hall, and Chapin Hall are situated on Willard Hall Campus, distant from University Hall about three minutes' walk.

Large athletic grounds suitably prepared for use are provided near the University Campus. These are liberally equipped for the various sports, and furnish ample accommodation for athletic teams. The seating capacity of the grand stand is about ten thousand.

THE ASTRONOMICAL OBSERVATORY.

The Dearborn Observatory is provided with a substantial building on the upper Campus, the gift of James B. Hobbs, Esq., of Chicago, a trustee of the University (see page 58). Its plan of work includes original researches in astronomical science, the application of astronomy to geography, the communication of exact time, and instruction in astronomy to the students of the College.

The Observatory is open to visitors on Thursday evening of each week. Visitors may also be admitted at other times by making special arrangements with the Director.

THE MUSEUM.

The Museum of the College of Liberal Arts contains large collections illustrative of anthropology, botany, geology, mineralogy, and zoölogy. Many of these are of rare value in the work of instruction in the natural sciences.

The mineralogical collection is in Fayerweather Hall of Science; the other sections are on the fourth floor of University Hall.

THE GYMNASIUM.

The gymnasium is open at suitable hours to students of both sexes, and is under the supervision of competent instructors. Each student upon entering gymnasium classes is given a physical examination, and his health, strength, muscular development, physical defects, etc., are carefully noted. From these data a special course of exercises, based on scientific principles, is prescribed to meet his individual needs.

It is the purpose of the instructors to offer to each student such advice and to prescribe such exercises as will give increased health, strength, and symmetry of body.

THE LABORATORIES.

In the several laboratories of the College, opportunities are provided for practical instruction in the various scientific departments.

The Botanical Laboratory is on the third floor of University Hall, where tables, compound and dissecting microscopes, glassware, reagents and lockers are provided for each student. Microtomes, incubators, and sterilizing apparatus are available for the advanced courses.

The Chemical Laboratory is situated in Fayerweather Hall of Science, and includes on the main floor, a lecture-room, seating sixty; a reading-room, a laboratory for general chemistry and qualitative analysis, with forty-six tables; a laboratory for quantitative analysis, with twelve tables; a balance-room, the professor's office and private laboratory, and an assistant's room; in the basement, a general store-room, and a room with four tables equipped with special conveniences for water analysis.

The Geological Laboratory is in University Hall and consists of one room on the third floor and four rooms on the fourth floor. In these rooms are; study collections of typical rocks, minerals, and fossils; photographs; geological maps; a large series of topographical maps; topographical and geological models; a geological library; petrographical microscopes; thin sections of rocks and minerals; several outfits (each consisting of

a plane table, alidade, aneroid barometer, hand level and compass) for topographical and geological mapping. In addition to the above is an extensive collection, belonging to the Wisconsin Geological and Natural History Survey, of rocks and ores from the copper-bearing rocks of the Lake Superior region and the Upper Mississippi Valley lead and zinc district.

The MINERALOGICAL LABORATORY is in Fayerweather Hall of Science and is supplied with a collection of one thousand labelled and several hundred unlabelled minerals for the use of students. Glass and wooden crystal models, goniometers, microscopes, electrical slicing and grinding machines, aid in practical work and investigation of the crystallography of minerals. The assay laboratory is well supplied with gas and coal furnaces, tools, balances, and reagents.

The PHYSICAL LABORATORY AND SHOPS occupy fourteen rooms in Fayerweather Hall of Science excellently adapted to their purposes. They are equipped with modern instruments, especially in the departments of acoustics, electricity, and light. Among rooms for special purposes may be mentioned a work-shop in the basement, a room for work in spectroscopy, fitted with a curved grating, a drawing room, rooms for electric and magnetic work, a room for general optics, a photometric-room, a room for testing the strength of materials with a Riehlé testing machine, and several small rooms for individual work. In the court is a power-house with an outfit of two engines, two motors, two dynamos, and a large storage battery. These furnish power to the Observatory and Physical Laboratory. This building is also equipped with a machine shop to furnish practice for students who are preparing to be engineers.

The principal wood-working shop is in Fisk Hall. It contains twenty benches for joinery work and ten lathes for wood-turning, and is well fitted up with small tools. The metal-working shop is in the court of Science Hall. The equipment consists of six benches and vises, four engine lathes, shaper, drill-press, and drill-grinder, with the necessary small tools.

The PSYCHOLOGICAL LABORATORY, which was opened in 1900, has quarters in Old College, consisting of a general laboratory and apparatus room, dark room, research rooms, and an office and reading room. The reading room is supplied with the most helpful books and periodicals on experimental psychology. The equipment includes everything necessary for purposes of dem-

onstration in the course in general psychology, also for an elementary laboratory course, and for a few typical researches. Additions are made from time to time, as the work demands.

The Zoölogical Laboratory comprises a large general workroom, a laboratory for vertebrate zoölogy, a seminary room, which is also used as a department library, a room for advanced students, and a preparator's room. The equipment consists of forty-seven excellent compound microscopes, several microtomes of the most recent make, dissecting microscopes and instruments, incubators, aquaria, glassware, reagents, and other apparatus necessary for elementary and advanced work in Zoölogy. The department is also supplied with a full set of Leuckart's Zoölogical charts and several sets of Ziegler's wax models.

GOVERNMENT.

Students are temporary residents of the city of Evanston, and as such are amenable to the laws of the state and to the ordinances of the city. They are also subject to the rules and regulations made by the Faculty. They are held to have a knowledge of the Statutes of the University and of all faculty requirements published in the catalogue, or otherwise brought to their attention.

Students may be separated from the institution whenever in the opinion of the faculty they are pursuing a course of conduct seriously detrimental to themselves or to the University. The University will not tolerate either idleness or dissolute habits.

Social Entertainments.—In the interest of the college community the faculty has adopted the following regulation:

Previous permission for holding any party or social entertainment by any organization or group of students, at which both men and women are present, must be obtained from the Committee on the Social Life of Students. The conditions under which such party or entertainment is held must be satisfactory to the committee.

Musical Clubs.—Student musical organizations, such as the glee, banjo, or mandolin clubs, and the University Band, are under the supervision of a standing committee of the faculty.

The chairman of the committee must be informed of the intended organization of any such association, and must be furnished with a statement of its plans, purposes, and membership. No formal organization is permitted without the knowledge and sanction of the committee. It is especially necessary that the business managers of such organizations make no final arrangements for public appearances of the clubs without the consent of the committee. Under no circumstances will concert dates be permitted to interfere with examinations, or to interrupt study routine. Students with defective standing are not allowed to retain connection with such organizations.

RELIGIOUS WORSHIP.

The charter of the University provides that "no particular religious faith shall be required of those who become students of this institution." The University was not established with a view of forcing on the attention of students the creed of any particular church, but for the promotion of learning under influences conducive to the formation of a manly Christian character. This continues to be its aim and purpose.

Students of the College of Liberal Arts are expected to attend public worship on Sunday in the church of their choice.

Chapel service is held at noon on each week day except Saturday, throughout the college year. Attendance upon at least three-fifths of these services is required under the following regulations:

1. When a student's record of chapel credits is deficient as many credits as he is expected to secure in one-half of a semester, his registration in all studies is cancelled, and it may be restored only on the recommendation of the faculty committee on chapel attendance.

2. Surplus chapel credits in excess of the three-fifths required in any semester are carried forward to the chapel record of the following semester.

STUDENT ORGANIZATIONS.

Through the agency of voluntary student associations an active interest is maintained in matters which relate to the intellectual and social life of the student community.

NORTHERN ORATORICAL LEAGUE.—The oratorical associations of Northwestern University, the University of Michigan, the University of Wisconsin, the University of Iowa, the University of Chicago, the University of Minnesota, and Oberlin College compose the Northern Oratorical League. The purpose of this organization is to promote an interest in public speaking, and to elevate the standard of oratory, by holding annual contests. The contests of the League are open only to undergraduates.

LITERARY SOCIETIES.—The following societies are maintained by students for purposes of literary culture or debate:

THE HINMAN LITERARY SOCIETY meets regularly on Tuesday evenings throughout the year. It was organized in 1855, during the first year of the work of the college, and has had a continuous existence. It was named in honor of the first President of the University, Reverend Clark T. Hinman. Two prizes of twenty and ten dollars, respectively, the gift of Mr. James H. Raymond of the class of 1871, are offered annually for competition among its members.

THE ADELPHIC LITERARY SOCIETY was first organized prior to 1867. After a prosperous existence of over twenty years it ceased to be active, but was reorganized in 1897. It meets regularly on Thursday evenings. Two prizes of twenty and fifteen dollars, respectively, the gift of Dr. M. C. Bragdon of the class of 1870, are competed for annually by its members.

THE ROGERS DEBATING CLUB was organized in 1897, and was named in honor of Henry Wade Rogers, then President of the University. It meets on Thursday evenings. Three prizes, the gift of Mr. William Deering, are offered annually for competition among its members.

THE CLEOSOPHIC LITERARY SOCIETY for men was organized in 1905.

Five literary societies for women, ALETHENAI and EULEXIA, organized in 1903, ANONIAN, CALETHEA, and LAUREAN, in 1905, are in active operation.

FELLOWSHIPS.

For the promotion of graduate study and research the University has established six fellowships of three hundred dollars each. These are assigned from year to year by the President of the University to various departments of study according to the merits of the applicants and the needs of the departments.

They are open alike to men and women, whether graduates of this University or of other institutions. All appointments to fellowships are made for one year.

Fellows are not required to pay tuition fees, but may be called upon to give a limited amount of assistance in the work of the department. Fellows entering from other institutions must pay the matriculation fee.

Applications for appointment as Fellow should be made to the President of the University; and such applications, together with credentials, must be in his hands not later than the first of April in each year. The fellowships will be assigned not later than the first of May. Blank forms for application may be had from the Registrar.

SCHOLARSHIPS.

The following scholarships are awarded annually to meritorious undergraduates in the College of Liberal Arts. Applications for appointment should be made to the Dean of the College not later than the first day of May in each year.

Catherine M. White Scholarships.—From a bequest of nine thousand dollars received under the will of Catherine M. White, of Evanston, there have been established three scholarships paying full undergraduate tuition fees. The recipients must hold themselves responsible for a limited amount of clerical service.

Missionary Scholarships.—The University, in June, 1899, established two scholarships in the College of Liberal Arts, to which the Northwestern Branch of the Woman's Foreign Mis-

sionary Society of the Methodist Episcopal Church may nominate persons intending to enter upon mission work in the foreign field. These entitle the holders to free tuition. In making nominations preference is given to students from foreign lands.

Methodist Episcopal Church Scholarship.—Founded by the First Methodist Episcopal Church of Evanston for the benefit of meritorious students, and yielding annually the interest on seven hundred and fifty dollars. This scholarship is awarded by the church officials.

Chicago Record-Herald Scholarship.—A scholarship, the gift of the Chicago *Record-Herald*, which affords free tuition and incidental expenses for one student.

Tully Scholarship.—Founded in 1903 by Mr. B. F. Tully of Chicago, available for a properly accredited candidate for Foreign Missionary service, and paying the full tuition fees of the recipient. In awarding this scholarship promise of usefulness, scholastic attainment, and pecuniary need will be considered in the order named.

University Guild Scholarship.—Founded by the University Guild of Evanston and affording to a young woman student an income equal to the tuition fee in college. The holder is responsible for certain duties in the care of the Guild Rooms.

High School Scholarships.—A number of scholarships are awarded annually to select members of the incoming class, upon applications endorsed by the principal and faculty of the secondary school from which the applicant graduates. Every applicant for such scholarships must meet the full entrance requirements to college and must present certificates from the corps of teachers in his secondary school as to the excellence of his character, physical vigor, manliness, and promise of usefulness as a citizen. The award is made at the University by a committee of the College faculty.

Marcy Scholarship in Biology.—The University has secured a table at the Marine Biological Laboratory, Wood's Holl, Massachusetts, for the sole use of advanced students from the biological departments of the College of Liberal Arts. The occupants of this table are entitled each season to all the privileges of the laboratory, including instruction, lectures, and the use of appliances and apparatus.

The American School of Classical Studies at Rome.—The University is a contributor to the support of the American School of Classical Studies at Rome, and is represented by a member of the Faculty on its Board of Managers. The school affords facilities for archæological and classical investigation and study in Rome, and graduates of the University are entitled to all of its advantages without expense for tuition.

PRIZES.

The following prizes are offered to students in the College of Liberal Arts who are candidates for a degree. No successful contestant can become a second time a competitor for the same prize. No person will be allowed to compete for any prize against whom, at the time for appointing contestants, unredeemed failures are recorded in more than one department of study.

The Kirk Prize in Oratory.—A prize of one hundred dollars, established in 1877 by Mr. James Kirk, of Evanston, and now the gift of Mrs. John B. Kirk, of Evanston, is awarded each year to the student of the College of Liberal Arts who excels in original oratory. The winner of this prize will represent the University in the intercollegiate contest of the Northern Oratorical League. The regulations affecting the award are as follows:

1. Orations submitted in competition must not exceed two thousand words in length, and must be typewritten in good form.

2. They must be deposited with the Secretary of the Faculty not later than noon of Friday next following the close of the Christmas recess.

3. From the orations submitted a committee of the faculty will select the best five to be presented at a public contest.

4. The award will be made on the basis of both thought and delivery at a public contest held on the evening of the first Friday in March.

5. The successful contestant must present to the donor of the prize a typewritten copy of his oration.

The Harris Prize in Political and Social Science.—A prize of one hundred dollars, the gift of Mr. Norman W. Harris, of Chicago, is awarded to the writer of the best essay on an assigned topic in the department of Economics, Finance, and Administration.

The conditions on which the Harris prize will be awarded are as follows:

1. No undergraduate student will be allowed to compete for this prize unless he shall have completed at the time of making the award the equivalent of Courses A and C in Economics.

2. Essays offered in competition for this prize must contain not less than 10,000 words, and must be either printed or typewritten. If typewritten, they must be on letter paper of a good quality, of the quarto size, with a margin of not less than one inch at the top, at the bottom, and on each side, so that they may be bound without injury to the writing. On the title-page of each essay must be written an assumed name, and under cover with the essay must be sent a sealed letter containing the true name of the writer and superscribed with his assumed name.

3. The copies of all essays submitted for this prize become the property of the University, and the essay receiving the prize shall have endorsed upon it a certificate of that fact.

4. Each year the essay submitted in competition for this prize must be deposited with the Registrar of the College before twelve o'clock noon on May 1st.

5. The Faculty will appoint three judges of the essays offered and the prize shall be awarded to the essay declared by at least two of the judges to be the best; *provided*, that the University expressly reserves the right to make no award of the prize in any year in which the best essay offered shall, in the opinion of the majority of the judges, not be of sufficient merit to deserve a prize.

The Gage Debate Prizes.—Three prizes, aggregating one hundred dollars, are given annually by the Honorable Lyman J. Gage for excellence in debating.

The recipients of these prizes are selected through a series of debates, held in the autumn of each year, to which students from all departments of the University are eligible. The three men receiving the highest ranks in this series of debates receive the

Gage prizes and they also become the representatives of the University in the annual contest of the Central Debating League.

The Sargent Prizes in Public Speaking.—Two prizes of fifty and twenty-five dollars, respectively, endowed by Mr. George M. Sargent, of Evanston, will be given to the two students who shall excel in public speaking.

1. Eight candidates will be appointed by the Faculty, the selection being confined to students who have completed not less than fifty hours of college work including Elocution B.

2. In the competition, at least one of the prizes must be given for an oratorical effort. In no case may a declamation exceed twelve hundred words.

3. At this contest no prompting of the speakers will be allowed, and a failure of memory will exclude a competitor from consideration in the assignment of the prizes.

4. The award will be made by a committee appointed by the Faculty, but composed of persons who are not members of that body.

FEES AND EXPENSES.

Matriculation Fee.—Every student, on first entering the College of Liberal Arts, is required to pay a matriculation fee of five dollars. This fee is paid but once and is not returnable.

Fees for Undergraduates.—At the beginning of each semester undergraduate students are required to pay fees for instruction and incidentals as shown in the following table. Upon payment of his semester bill a student is entitled to all the general privileges of membership in the College. He may take any course for which he is qualified under the regulations affecting registration, but in certain laboratory courses he is required to pay additional fees as shown below.

Schedule of Undergraduate Fees.

Regular full tuition and incidentals..	$40.00	a semester.
For sons and daughters of ministers and candidates for the ministry....	25.00	"
For students pursuing a single study i. e., work not exceeding five hours a week	25.00	"
For sons and daughters of ministers pursuing a single study.....	18.00	"

Under this schedule, holders of old-time perpetual or transferable scholarships will pay eighteen dollars a semester for incidentals.

Fees for Graduate Students.—The tuition fees for graduate students, whether resident or non-resident, are determined by the number of hours of instruction taken. The fee for a lecture, or seminary, or laboratory course is five dollars a year for each year-hour of credit which the course bears; but the total amount of tuition fees in any one year shall not exceed forty dollars.

Laboratory Fees.—Students pursuing laboratory courses are charged additional fees varying with the department.

In the Chemical Laboratory the fee is in the nature of a deposit, an account being kept of material used and unexpended balances being returned to the student at the end of the year.

In all departments, students are chargeable for unnecessary breakages.

The laboratory fees are as follows:

CHEMISTRY.		
Course A	$7.50	a semester.
Other courses except Course E, each	9.00	"
Two courses taken concurrently. Subject to a refund.	15.00	"
PHYSICS.		
Course A or B	2.00	"
Course C or K	3.00	"
ZOÖLOGY.		
Course A	3.00	"
Course AB, B, C, or D	2.00	"
BOTANY.		
All courses, each	2.00	"
GEOLOGY.		
Course A, C, or E	2.00	"
MINERALOGY.		
Course A	2.00	"
Course E	5.00	"
MATHEMATICS.		
Course L	2.00	"

Graduation Fee.—A fee of ten dollars is charged all persons taking any degree in the College of Liberal Arts. This fee is payable on the first day of May of the year of graduation.

Refunds.—No fees for instruction or incidentals will be refunded except in cases of sickness.

If on account of serious illness a student withdraws before the middle of a semester, one-half of his tuition fee will be re-

funded, provided he secures from the Dean a statement of honorable standing, and from a physician a certificate that his health will not permit him to remain in attendance.

All bills for fees are made out at the Registrar's office in University Hall. Payment is made at the Business Manager's Office, 518 Davis Street, Evanston. Checks should be made payable to "Northwestern University," and all payments should be made in currency or in Chicago exchange.

BOARD AND LODGING.

Students living in Willard Hall pay for board and room from $6.50 to $7.00 a week, half yearly in advance, according to the desirability of the room.

All applicants for rooms must sign a contract to occupy the room assigned for the full College year or secure a suitable substitute, the contract to be guaranteed by some responsible person other than a college officer.

A deposit of $5.00 is required when a room is reserved.

Room and board bills are payable strictly in advance, and no deduction is made for absence in any part of the term, except in cases of protracted illness.

Pearsons Hall and Chapin Hall are residences for women students of limited means, and applications for admission to them must be made to the Corresponding Secretary of the Woman's Educational Aid Association, Evanston. In these halls students pay for board and room $55.00 a semester, in quarterly installments, at the beginning and at the middle of each semester, and are required to assist in the lighter housework.

The University does not provide dormitories for young men, beyond the limited accommodations described on page 90. They obtain board and lodging in private families at reasonable rates. Clubs are formed in which the cost of board is reduced to a minimum.

The following table exhibits the scale of annual expenditure:

	Low.	Average.	Liberal.
Tuition and Incidental fees.....	$80	$80	$80
Board (36 weeks).....	108	135	162
Room	40	72	100
Washing	18	25	35
Text-books and stationery	10	18	35
	$256	$330	$412

LOAN FUNDS.

The University receives annually a considerable sum of money to be loaned without interest to needy and deserving students who are preparing for the ministry, or for other forms of Christian work. Loans from this fund are available to students without distinction of sex, and are made upon the recommendation of the Committee on Loans and Charitable Funds.

CHRISTIAN ASSOCIATIONS.

A Young Men's Christian Association and a Young Women's Christian Association are maintained in active operation in the College, and exert a helpful influence upon the religious life of the students. The headquarters for the Men's Association are at the Association House, 2023 Orrington Avenue, and for the Woman's Association, at Willard Hall. Each Association employs a general secretary and maintains a bureau of self-help for students seeking employment. Under the direction of these organizations, religious meetings are held each week, and daily study of the Bible is promoted.

SELF-SUPPORT OF STUDENTS.

To students entering college without sufficient means to defray all their expenses it is proper to say that the University does not undertake to furnish employment to any student, and it does not encourage students to enter who are entirely without resources. It happens every year that not a few students are able to help themselves very materially by their own labor while carrying on their studies, but the student is obliged to rely on his own ability, industry, and economy in all such cases. The Young Men's Christian Association conducts a bureau of self-help which is of great assistance in securing work for those desiring it, and any inquiries sent to the Secretary of that Association will receive careful attention.

For further information in regard to the College of Liberal Arts, address the Dean of the College, Evanston, Illinois.

For blank forms of admission and for particulars as to entrance requirements and all matters of record, address the Registrar of the College of Liberal Arts, Evanston, Illinois.

THE MEDICAL SCHOOL.

Chicago.

FACULTY.

Nathan Smith Davis, A.M., M.D., *Dean, Professor of the Principles and Practice of Medicine and of Clinical Medicine.*

Edward Oscar Fitzalan Roler, A.M., M.D., *Professor Emeritus of Obstetrics.*

John Hamilcar Hollister, A.M., M.D., *Professor Emeritus of Clinical Medicine.*

Frank Seward Johnson, A.M., M.D., *Dean Emeritus and Professor Emeritus of Medicine and of Clinical Medicine.*

John Harper Long, M.S., Sc.D., *Professor of Chemistry and Director of the Chemical Laboratories.*

Emilius Clark Dudley, A.M., M.D., *Professor of Gynecology.*

John Edwin Owens, M.D., *Professor of Surgery and Clinical Surgery.*

William Evans Casselberry, M.D., *Professor of Laryngology and Rhinology.*

Edward Wyllys Andrews, A.M., M.D., *Professor of Surgery and Clinical Surgery.*

Frank Taylor Andrews, A.M., M.D., *Professor of Clinical Gynecology.*

George Washington Webster, M.D., *Professor of Clinical Medicine.*

Joseph Zeisler, M.D., *Professor of Skin and Venereal Diseases.*

William Edward Morgan, M.D., *Professor of Clinical Surgery.*

Henry Gradle, M.D., *Professor of Ophthalmology and Otology.*

Archibald Church, M.D., *Professor of Nervous and Mental Diseases and Medical Jurisprudence.*

John Ridlon, A.M., M.D., *Professor of Orthopedic Surgery.*

WINFIELD SCOTT HALL, A.M., M.D., PH.D., *Junior Dean, Nathan Smith Davis Professor of Physiology.*

ARTHUR ROBIN EDWARDS, A.M., M.D., *Professor of the Principles and Practice of Medicine and of Clinical Medicine.*

WELLER VAN HOOK, A.B., M.D., *Professor of Surgery and Clinical Surgery.*

JOSEPH BOLIVAR DE LEE, M.D., *Professor of Obstetrics.*

ROBERT BRUCE PREBLE, A.B., M.D., *Professor of Medicine.*

FRANK XAVIER WALLS, M.D., *Professor of Clinical Pediatrics.*

FREDERICK ROBERT ZEIT, M.D., *Professor of Pathology and Bacteriology.*

SAMUEL CRAIG PLUMMER, JR., A.M., M.D., *Professor of Surgical Anatomy and Operative Surgery.*

WILLIAM EDWARD SCHROEDER, M.D., *Professor of Surgery and of Clinical Surgery.*

THOMAS JAMES WATKINS, M.D., *Professor of Clinical Gynecology.*

LESTER EMANUEL FRANKENTHAL, M.D., *Professor of Clinical Gynecology.*

HUGH TALBOT PATRICK, M.D., *Clinical Professor of Nervous and Mental Diseases.*

CHARLES LOUIS MIX, A.M., M.D., *Secretary of the Faculty, Professor of Physical Diagnosis.*

FRANK ALLPORT, M.D., *Professor of Clinical Ophthalmology and Otology.*

ELISHA HALL GREGORY, JR., M.D., *Robert Laughlin Rea Professor of Anatomy.*

CHARLES BERT REED, M.D., *Assistant Professor of Obstetrics.*

CHARLES HILL, PH.D., M.D., *Assistant Professor of Histology and Embryology.*

LUCIUS CROCKER PARDEE, M.D., *Assistant Professor of Skin and Venereal Diseases.*

CHARLES HENDERSON MILLER, PH.G., M.D., *Assistant Professor of Pharmacology.*

PETER THOMAS BURNS, M.D., *Assistant Professor of Anatomy and Director of the Anatomical Laboratory.*

FREDERICK MENGE, M.D., *Assistant Professor of Laryngology and Rhinology.*

Louis Ernst Schmidt, M.S., M.D., *Professor of Clinical Genito-Urinary Surgery.*

William Alfred Mann, M.D., *Assistant Professor of Clinical Ophthalmology and Otology.*

Julius Grinker, M.D., *Assistant Professor of Clinical Neurology.*

William Cuthbertson, M.D., *Lecturer on Clinical Gynecology.*

INSTRUCTORS.

Walter Steele Barnes, M.D., *Instructor in Gynecology.*

Frederick Atwood Besley, M.D., *Instructor in Surgery and Clinical Surgery.*

Andrew Jackson Brislen, M.D., *Instructor in Clinical Orthopedic Surgery.*

Coleman Graves Buford, M.D., *Instructor in Clinical Surgery.*

Walter Herman Buhlig, B.S., M.D., *Instructor in Bacteriology.*

John Gaily Campbell, A.M., M.D., *Instructor in Clinical Pediatrics.*

Paul Chester, B.S., M.D., *Instructor in Physical Diagnosis.*

William Robert Cubbins, B.S., M.D., *Instructor in Clinical Surgery.*

Achilles Davis, Ph.B., M.D., *Instructor in Medicine.*

George Boyd Dyche, A.B., M.D., *Instructor in Medicine.*

Frederick Charles Eggert, M.D., *Instructor in Operative Surgery.*

Charles Franklin Eikenbary, M.D., *Instructor in Orthopedic Surgery.*

Charles Addison Elliott, B.S., M.D., *Instructor in Medicine.*

Edson Brady Fowler, A.B., M.D., *Instructor in Clinical Medicine.*

Robert Tracy Gillmore, M.D., *Instructor in Gynecology.*

Alexander Aaron Goldsmith, M.D., *Instructor in Histopathology.*

D'Orsay Hecht, M.D., *Instructor in Neurology and Clinical Neurology.*

John Chamberlain Hollister, A.B., M.D., *Instructor in Gynecology.*

Charles Mayor Jacobs, M.D., *Instructor in Clinical Orthopedic Surgery.*

William Johnson, Ph.C., *Instructor in Chemistry.*

ALLEN BUCKNER KANAVEL, PH.B., M.D., *Instructor in Clinical Surgery.*

ELLIS KIRK KERR, A.M., M.D., *Instructor in Medicine.*

GOTTFRIED KOEHLER, PH.G., M.D., *Instructor in Clinical Pathology and Clinical Medicine.*

CHARLES J. KURTZ, A.M., M.D., *Instructor in Physiology.*

EDGAR NELSON LAYTON, A.M., M.D., *Instructor in Clinical Neurology.*

VICTOR DARWIN LESPINASSE, M.D., *Instructor in Genito-Urinary Surgery.*

THOMAS HENRY LEWIS, M.D., *Instructor in Gynecology.*

GEORGE PAULL MARQUIS, M.D., *Instructor in Laryngology and Rhinology.*

DAVID FALKNER MONASH, M.D., *Instructor in Obstetrics.*

PAUL FREDERICK MORF, M.D., *Instructor in Clinical Surgery.*

RICHARD STARR PATTILLO, M.D., *Instructor in Ophthalmology and Otology.*

ISAAC DONALDSON RAWLINGS, M.D., *Instructor in Contagious Diseases at the Isolation Hospital.*

HARRY MORTIMER RICHTER, M.D., *Instructor in Clinical Surgery.*

HENRY EDWARD SAUER, B.S., M.D., *Instructor in Gynecology.*

GEORGE CURTICE SHOCKEY, M.D., *Instructor in Clinical Neurology.*

CLINICAL ASSISTANTS.

LOUIS BECK, M.D., *Clinical Pediatrics.*

ROBERT ALFRED BLACK, M.D., *Clinical Surgery.*

WILLIAM SHERMAN BRACKEN, M.D., *Clinical Laryngology and Rhinology.*

FRANZ HENRY BRANDT, M.D., *Clinical Medicine.*

JOSEPH BRENNEMAN, PH.B., M.D., *Clinical Pediatrics.*

WILLIAM ELMER BRENNEMAN, M.D., *Clinical Neurology.*

DIEDERICK ADAM BRUMUND, M.D., *Clinical Ophthalmology and Otology.*

GEORGE BASSETT BUTT, M.D., *Clinical Medicine.*

JAMES GRAY CARR, A.B., M.D., *Clinical Surgery.*

ELIJAH ROCKHOLD CROSSLEY, M.D., *Clinical Ophthalmology and Otology.*

WILLIAM CLARK DANFORTH, M.D., *Clinical Surgery.*

GEORGE JAMES DENNIS, M.D., *Clinical Laryngology and Rhinology.*

CHARLES AUGUST ERICKSON, PH.G., M.D., *Clinical Medicine.*

EDWARD ALBERT FOLEY, M.D., *Clinical Neurology.*

CHARLES MARVIN FOX, M.D., *Clinical Surgery.*

FRANK DOIG FRANCIS, A.B., M.D., *Clinical Medicine.*

HAROLD KENNETH GIBSON, M.D., *Clinical Medicine.*

CLIFFORD GROSSELLE GRULEE, A.M., M.D., *Clinical Pediatrics.*

ALEXANDER PHILIP HORWITZ, M.D., *Clinical Ophthalmology and Otology.*

WALTER BAYARD HUEY, M.D., *Clinical Genito-Urinary Surgery.*

ARTHUR CHARLES KLEUTGEN, M.D., *Clinical Medicine.*

OTIS HARDY MACLAY, B.S., M.D., *Clinical Laryngology and Rhinology.*

CHARLES MARTIN MATTER, M.D., *Clinical Surgery.*

THOMAS CHARLES MCGONAGLE, M.D., *Clinical Pediatrics.*

FREDERICK RICHARD MOESSNER, M.D., *Clinical Surgery.*

ALBERT EARL MOWRY, M.D., *Clinical Medicine.*

LUTHER JAMES OSGOOD, M.D., *Clinical Medicine.*

RUPERT MERRILL PARKER, B.S., M.D., *Clinical Surgery.*

ALBERT PECH, M.D., *Clinical Medicine.*

FRANK ELLIS PIERCE, M.D., *Clinical Surgery.*

ERNEST RAY REYNOLDS, M.D., *Clinical Dermatology and Syphilology.*

ERNEST CHARLES RIEBEL, M.D., *Clinical Surgery.*

JAMES GEORGE ROSS, M.D., *Clinical Genito-Urinary Surgery.*

DAVID SALINGER, M.D., *Clinical Ophthalmology and Otology.*

FRANK EDWARD SIMPSON, M.D., *Clinical Dermatology and Syphilology.*

MORTON SNOW, A.B., M.D., *Clinical Pediatrics.*

FRED BROWN SWIFT, B.S., M.D., *Clinical Genito-Urinary Surgery.*

CHARLES BENJAMIN YOUNGER, M.D., *Clinical Laryngology and Rhinology.*

DEMONSTRATORS.

NORMAN DIXON CURRY, B.S., M.D., *Demonstrator of Operative Surgery.*

JOHN FLINT, M.D., *Assistant Demonstrator of Anatomy.*

FREDERICK FRANKLIN GARRISON, M.D., *Demonstrator of Operative Surgery.*

LOUIS GRASON HARNEY, M.D., *Demonstrator of Operative Surgery.*

ALBERT TRIPLETT HORN, M.D., *Assistant Demonstrator of Anatomy.*

HENRY DEDRICK ROEHLER, M.D., *Demonstrator of Operative Obstetrics.*

HERBERT MARION STOWE, M.D., *Demonstrator of Operative Obstetrics.*

STUDENT ASSISTANTS.

MARINUS L. HOLM, PH.C., *Chemistry.*

CLAUDE HEMAN BARLOW, *Histology.*

OTIS ORION STANLEY, M.S., *Physiology.*

HARLEY ELLSWORTH FRENCH, A.B., *Physiology.*

ALLISON TEMPLE WANAMAKER, PH.G., *Histology.*

WALTER KLINGEMAN LONG, B.SC., *Chemistry.*

CLARELD EDISON DORLAND, PH.C., *Pharmacology.*

FRED GAITHER THAYER, *Chemistry.*

FRANCIS JOSEPH POWERS, M.S., *Physiology.*

JOHN HARVEY MURPHY, B.S., *Physiology.*

JAMES CASEY, PH.G., M.D., *Registrar.*

LOCATION AND BUILDINGS.

The Medical School is in Chicago, on Dearborn Street between Twenty-fourth and Twenty-fifth Streets. It is in close proximity to Wesley Hospital, with which it is connected by a covered corridor; also to Mercy Hospital and St. Luke's Hospital, in a district of the city which furnishes an almost exhaustless supply of clinical material.

The buildings, Davis Hall and the Laboratory Building, are comparatively new and were erected for the purposes of the School. For a description of the buildings see pages 59 and 60, and for the history of the School see page 54.

REQUIREMENTS FOR ADMISSION.

Candidates may qualify for admission to the Medical School under the following regulations:

(*a*) Graduates of recognized colleges will be admitted without examination upon the presentation of their diplomas.

(*b*) Graduates of approved high schools and academies which offer courses of study equivalent to the requirements for admission to the College of Liberal Arts of this University, will be admitted without examination upon the presentation of satisfactory certificates.

(*c*) Graduates of State Normal Schools or of similar institutions whose courses of study are fully equivalent to those of public high schools with a four-year curriculum will be admitted without examination upon the presentation of their diplomas.

(*d*) Students not holding certificates or diplomas similar to those indicated above may be admitted provided they present satisfactory credentials for having completed a course of study equal to that required for admission to the College of Liberal Arts, as set forth on pages 79 to 86 of this Bulletin. Otherwise they will be required to pass examinations for admission upon these subjects. In such examination, substitutes for the prescribed subjects will be accepted in so far as they are fully equivalent to those indicated.

Examinations for admission to the Medical School are held at the Medical School on the first Monday in October. By special arrangement examinations may also be held at St. Paul, Minnesota; Denver, Colorado; Omaha, Nebraska; St. Louis, Missouri; Cincinnati, Ohio; Detroit, Michigan; Portland, Oregon; and San Francisco, California. For all such examinations application must be made to the Secretary of the Medical School prior to June 1st.

Students conditioned in entrance requirements must make up those conditions before the beginning of the second year, else

they cannot be registered as regular students in the second-year course.

Special students not candidates for the degree of Doctor of Medicine will be admitted at the discretion of the Faculty without reference to their preliminary training.

PREPARATION FOR THE STUDY OF MEDICINE.

Students contemplating the study of medicine are urged to take at least two years of work in a college of arts or science before entering the Medical School. The following should be among the studies pursued in this preliminary training:

Modern Languages: German or French, two years.

Chemistry: General, organic, inorganic, qualitative analysis.

Physics: Mechanics, hydraulics, sound, light, electricity.

Biology: Biology of plants, general biology, comparative anatomy, physiology of vertebrates, histology and embryology.

ADMISSION TO ADVANCED STANDING.

Students who have pursued in other medical schools the following first year medical courses may be admitted to advanced standing in the subjects covered by their official credentials if found satisfactory:

Anatomy, recitations (64 hours) and laboratory work (320 hours), covering Osteology, and Dissection of two parts of the human body. (Four parts: arm, leg, thorax and abdomen, head and neck.)

Physiology, recitations (96 hours) and laboratory work (96 hours), covering General Physiology of cells and tissues, and the Special Physiology of the circulatory and respiratory systems, including Normal Hæmatology.

Chemistry, lectures and demonstrations (96 hours) and laboratory work (196 hours), covering General Chemistry and Qualitative Analysis, with Organic Chemistry.

Histology and Embryology, recitations (48 hours) and laboratory work (192 hours), covering the microscopical anatomy of human tissues and organs and the development of vertebrate embryos.

Students from other medical schools who apply for advanced standing must present to the Committee on Credentials satisfactory records for all work in which credit is asked, or must pass examinations in all of the branches for which they desire credit. Certificates from other reputable medical schools covering the same number of hours in class and laboratory work as are given in this school are accepted, when properly signed by the Dean or Secretary of the school from which the candidate in medicine comes.

Undergraduate students from other medical colleges will not be admitted to the senior class. Graduates in medicine will be admitted to the senior class only upon special action by the faculty.

COMBINED COURSES.

Medical students who hold a Bachelor's degree in Arts or Science from an institution of accepted grade can obtain from this University a Master's degree upon graduation in Medicine, by complying with the requirements as stated on page 168 of this catalogue.

The University offers combined courses of study which enable a student to obtain both a collegiate and a medical degree with economy of time. A description of these combined courses will be found on pages 157 and 158.

METHODS OF INSTRUCTION.

This Medical School was the first in the United States to grade its courses in such a way that fundamental subjects are studied first, and superstructural subjects follow. The advantage of such a gradation of subjects can only be secured by a student attending the school for the full academic year, and by beginning with the fundamental subjects in the fall semester of each year.

INSTRUCTION is given by *Recitations*, for which the student prepares himself by the study of an assigned chapter of a text-

book; by *Laboratory Exercises*, in which the student performs for himself various experiments under the supervision of professors and laboratory assistants; by *Demonstrations*, in which the professor performs for the whole class or for a section of the class some experiment not well fitted for laboratory exercise, lecturing during the progress of the demonstration; by *Illustrated Lectures* with the stereopticon, supplementing the standard textbooks; by *Colloquia* or *Conferences*, in which students and professor informally discuss announced topics.

The greatest care has been taken so to arrange the course of study that the first year shall prepare the student for the studies of the second year, and that the first two years, which comprise the laboratory courses, shall make a broad and substantial foundation for the clinical courses and hospital practice of the last two years.

The studies of the whole course are grouped into departments, in each of which the work is carefully graded and is under the supervision of a single head, the work being thus unified.

The classes are limited in size, a matter of very great advantage to the student, giving him the privilege of personal instruction. The sections of classes are sufficiently small to give to each student an opportunity to perform for himself every step in the technique of laboratory and clinical courses.

Clinical Instruction occupies most of the student's time during the last two years of the course and a part of the time during the second year. Clinical material in great abundance is furnished by the South Side Dispensary, Wesley Hospital, Mercy Hospital, St. Luke's Hospital, Provident Hospital, Cook County Hospital, and the Chicago Lying-in-Dispensary. Some of the hospital and college clinics are attended by whole classes of one hundred or more, but the greater number of clinics are open only to small sections at a time, where twelve or sixteen students receive individual instruction and practice in all phases of physical examination, diagnosis, and treatment. An important feature of the clinical instruction is the bedside hospital clinics in which a small group of students accompanies the professor through the ward, and has an opportunity to study the details of symptoms, diagnosis, and treatment, and to follow the cases throughout the progress of disease. The course of bedside clinical instruction is so arranged that each student has at least two periods a week. The hospital beds to which the students have access number in the aggregate over five hundred.

SYNOPSIS OF THE MEDICAL COURSE.

The following schedule gives the course of study leading to the degree of Doctor of Medicine. In the left hand column are given by title the courses required of all students. These are described in detail under the several departments of instruction.

In the right hand column there are listed optional courses offered to small classes of students, to whom special laboratory and clinical instruction will be given. In some of these courses an additional fee is charged for material used.

The subjects of the first year, with the exception of Anatomy and Surgery, may be studied either at the Medical School or in the laboratories of the College of Liberal Arts at Evanston. The work in Anatomy and Surgery may be completed during the summer term of the Medical School.

Required Courses.	*Optional Courses.*
First Year.	
I. Chemistry, *a*, *b*, *c*, *d*, *e*, *f*.	
II. Anatomy, *a*, *b*, *c*, *d*.	
II. Histology and Embryology, *a*, *b*, *c*.	
III. Physiology, *a*, *b*, *c*, *d*, *e*.	
XIV. Surgery, *a*.	
Second Year.	**Second Year.**
I. Chemistry, *g*, *h*, *i*.	I. Chemistry, *j*.
II. Anatomy, *d*, *e*, *f*, *g*.	II. Anatomy, *h*.
II. Histology, *d*.	II. Histology, *e*.
III. Physiology, *f*, *g*, *h*, *i*, *j*, *k*.	III. Physiology, *l*, *m*.
IV. Pharmacology, *a*, *b*, *c*, *d*.	V. Bacteriology and Pathology, *k*, *l*, *m*.
V. Bacteriology and Pathology, *a*, *b*, *c*, *d*, *e*, *f*, *i*, *j*.	
VI. Physical Diagnosis, *a*, *b*. *c*, *d*.	
X. Ophthalmology and Otology, *a*.	
XIV. Surgery, *b*.	

Third Year.

V. Pathology, *g*, *h*, *j*.
VII. Obstetrics, *a*, *e*.
VIII. Dermatology and Syphilology, *a*, *b*.
IX. Laryngology and Rhinology *a*, *b*, *c*.
X. Ophthalmology and Otology, *b*.
XI. Gynecology, *a*.
XII. Nervous Diseases, *a*.
XIII. Pediatrics, *a*, *b*, *c*, *d*.
XIV. Surgery, *c*, *d*, *e*, *f*, *g*, *h*, *i*.
XIV. Genito-Urinary Surgery, *a*, *b*.
XIV. Orthopedic Surgery, *a*, *b*. *c*.
XV. Medicine, *e*, *f*, *g*, *h*.

Fourth Year.

V. Pathology, *j*.
VII. Obstetrics, *b*, *c*, *d*, *e*.
VIII. Dermatology and Syphilology, *c*.
X. Ophthalmology and Otology, *c*, *d*, *e*, *f*.
XI. Gynecology, *b*, *c*, *d*, *e*, *f*.
XII. Neurology, *b*, *c*, *d*, *e*, *f*, *g*.
XII. Mental Diseases and Medical Jurisprudence, *a*, *b*, *c*.
XIV. Surgery, *j*, *k*, *l*, *m*, *n*, *o*, *p*.
XV. Medicine, *i*, *j*, *k*, *l*, *m*, *n*, *o*, *p*.

Third Year.

I. Chemistry, *j*.
II. Histology, *e*.
III. Physiology, *l*, *m*.
IV. Pharmacology, *e*.
V. Bacteriology and Pathology, *k*, *l*, *m*.
IX. Laryngology and Rhinology, *d*.
XIV. Orthopedic Surgery, *d*.

Fourth Year.

II. Histology, *e*.
III. Physiology, *l*, *m*.
IV. Pharmacology, *e*.
V. Bacteriology and Pathology, *k*, *l*, *m*.
XIII. Pediatrics, *c*.

DEPARTMENTS OF INSTRUCTION.

The work in each department of instruction is graded, beginning with the fundamental and passing to the more advanced or special, and the student should take the courses

in the order enumerated. Some deviation from this order may, however, be made, if approved by the Faculty.

I. Department of Chemistry

The work in this department extends through the first and second years and is required of all students.

First Year.

(a) General and Inorganic Chemistry. Lectures and demonstrations. Three times a week with frequent additional quizzes. One and a third semesters.
Professor LONG and assistant.

(b) Organic Chemistry. Lectures and demonstrations. Three times a week. Two-thirds of a semester.

(c) Elementary Electricity, or the Physics of Medical Electricity. Lectures and demonstrations. Twice a week. One-half of a semester.
Professor LONG.

(d) General Experiments. Laboratory course. Three times a week. Three-fourths of a semester.
Professor LONG, Mr. JOHNSON, and assistants.

(e) Qualitative Analysis. Laboratory course. Three times a week. Three-fourths of a semester.
Professor LONG, Mr. JOHNSON, and assistants.

(f) Volumetric Analysis. Laboratory course. Three times a week. One-half of a semester.
Professor LONG, Mr. JOHNSON, and assistants.

Second Year.

(g) Physiological Chemistry. Lectures and demonstrations. Three times a week, first semester.
Professor LONG.

(h) Physiological Chemistry. Laboratory course. Twice a week. One semester.
Professor LONG and Mr. JOHNSON.

(i) Urine Analysis. Laboratory course. Twice a week. One semester.
Professor LONG and Mr. JOHNSON.

(j) Laboratory courses. Opportunity is given to second and third year students to carry on investigations

in special lines of Physiological Chemistry, and to become familiar with the application of the spectroscope, polariscope, and other instruments, as aids in original study. The more advanced work for the coming year will be in the direction of investigations on new methods of urine and feces analysis.

The courses of the first year, (a), (b), (c), (d), (e), (f), may be completed in the laboratories of the College of Liberal Arts at Evanston. Students wishing so to finish this work should register in College as follows:

Chemistry A. General Chemistry. Four hours a week throughout the year.
Professor YOUNG.

Chemistry B. Qualitative Analysis and Organic Chemistry. Four hours a week throughout the year.
Associate Professor WHITTELSEY.

Chemistry C. Volumetric Analysis. Four hours a week, second semester.
Associate Professor WHITTELSEY.

Physics A. Introductory course treating of the general properties of Matter, Sound, Heat, Electricity, Magnetism, and Light. Four hours a week throughout the year.
Assistant Professor TATNALL.

II. Department of Anatomy.

The anatomical laboratory is a large, well ventilated and well lighted room on the fifth floor of the Laboratory Building, provided with every help in the way of skeletons, models, and charts, ordinarily used in such a laboratory. There is also a well furnished osteological laboratory and museum, and an embalming room with complete appliances for injecting and preserving anatomical material, also a large refrigerator room with a capacity of several hundred cadavers.

The course in Anatomy is chiefly a laboratory course with the human subject and with models and charts always before the student.

First Year.

(a) Introductory course in General Anatomy. Lectures and demonstrations. Three times a week. One-eighth of a semester.
Four three-hour laboratory periods a week. One-eighth of a semester.

(b) Human Osteology. Laboratory work accompanied by quizzes. Two three-hour periods a week. One-half of a semester. Recitations, twice a week. One-half of a semester.

(c) Human Dissections. The upper and the lower extremity, with laboratory recitations on the parts dissected. Four three-hour periods a week. One semester.
Professors GREGORY, BURNS, and assistants.

(d) Recitations on laboratory work. Twice a week. One semester.
Professors GREGORY and BURNS.

Second Year.

(e) Neurology (A). Laboratory work, demonstrations, and lectures on the gross anatomy of the brain and spinal cord. Twice a week. One-half of a semester.
Professors GREGORY and HILL.

(f) Neurology (B). Microscopical anatomy of the spinal cord and brain. Two one-hour laboratory periods a week. One-half of a semester.
Professors GREGORY and HILL.

(g) Human Dissections. The head and neck, and the viscera, with laboratory recitations on the points dissected. Four three-hour periods a week. One semester.
Professors GREGORY, BURNS, and assistants.

(h) Research work. October and June.
Professor GREGORY.

Sub-Department of Histology and Embryology.

The laboratories for this department are situated so as to secure the best possible light, and are fitted up with tables, lockers, and modern apparatus both for the indi-

vidual student and for general class work. The department has a large general laboratory, a preparation room, and two private rooms for the instructor and his assistants.

Instruction is offered both in splanchnology and in the normal histology of tissue and organs. Each student has the use of a compound microscope, dissecting microscopes, and all necessary apparatus for the manipulation and preparation of histological material. The courses embrace instruction in preparation, section cutting, staining, and mounting of normal specimens, and their subsequent study under the microscope.

First Year.

(a) General and Special Histology and Embryology. Recitations. Twice a week first half-semester, once a week thereafter.
Professor HILL.

(b) Histology, General and Special. Laboratory. A study of the normal histology of tissues and organs, not including the brain and spinal cord. Two periods a week of three hours each. One and a half semesters.
Professor HILL.

(c) Embryology. Laboratory work, two periods a week of three hours each. One-third of a semester.
Professor HILL.

Courses in Histology and Embryology are given daily during the summer vacation by Professor HILL and Mr. BARLOW. These are equivalent to Courses (a), (b), (c).

Second Year.

(d) Microscopical Anatomy of the Spinal Cord and Brain. Two laboratory periods a week. One-fourth of a semester.
Professor HILL.

Second, Third, and Fourth Years.

(e) Special Problems in Histology and Embryology.
Professor HILL.

The courses of the first year, (a), (b), (c), may be completed in the laboratories of the College of Liberal Arts at Evanston. Students wishing so to finish this work should register in College as follows:

Zoölogy A. General Biology. Two lectures and four hours' laboratory work each week throughout the year. Professor Locy.
This course includes introductory work in embryology and much attention is given to general physiology. It is recommended as a general introduction to Histology and Physiology.

Zoölogy B. Vertebrate Embryology. Two lectures and four hours' laboratory work each week, second semester. Professor Locy.

Zoölogy C. Cytology and Histology. One lecture and four hours' laboratory work each week throughout the year. Dr. Harper.

III. Department of Physiology.

The equipment of this department comprises a general laboratory, two special laboratories, an instrument room, a library, shop, preparation room, and an animal house. The instruction is based upon laboratory work and demonstrations. In the laboratory each student demonstrates for himself fundamental laws of physiology, and observes for himself the phenomena upon which these laws are based. The demonstrations usually present experiments too difficult for the student to perform alone. The laboratory work with the demonstrations forms an experimental basis for the science of Physiology, which is presented systematically in the recitation course accompanying the experimental courses.

First Year.

(a) General Physiology, Cellular Biology, and the Physiology of Muscle and Nerve-tissue, and of the Muscular System. Lectures and demonstrations, three times a week, and laboratory work one period a week. One semester.
Professor Hall and assistants.

(b) Special Physiology. The Physiology of Circulation and Respiration. Recitations and demonstrations, three periods a week. One-half of a semester.
Professor HALL and assistants.

(b, b) Summer course, daily for four weeks.
Equivalent to Course (b).
Dr. KURTZ.

(c) Hæmatology. The Physiology of the Blood. Recitations and demonstrations, three times a week. Laboratory work, two periods a week. One-fourth of a semester.
Professor HALL and Dr. KURTZ.

(c, c) Summer course, daily for four weeks.
Equivalent to Course (c).
Dr. KURTZ.

(d) The Physiology of Reproduction. Lectures and demonstrations, three times a week. One-eighth of a semester.
Professor HALL.

(e) Nutrition, Chemistry of the Animal Body, and Chemistry of Food and Food Stuffs. Recitations and demonstrations, three times a week. One-eighth of a semester.
Professor HALL.

Second Year.

(f) Physiology of the Spinal Senses. Recitations, demonstrations, and laboratory six hours a week. One-half of a semester.

(g) The Chemistry of Digestion. Demonstrations, twice a week. One-fourth of a semester.
Professor HALL.

(h) Metabolism, Animal Heat, and Excretion. Twice a week. One-fourth of a semester.
Professor HALL.

(i) Physiology of the Central Nervous System. Lectures, demonstrations, and recitations. Twice a week. One-fourth of a semester.
Professor MIX.

(j) Normal Ophthalmoscopy and Skiascopy. Laboratory work for three periods.
Dr. PATTILLO.

(k) Pharmacology. The physiological action of drugs. Laboratory work. Two periods a week. One-half of a semester. (See IV. b.)
Professor MILLER.

(l) Experimental Physiology of the Central Nervous System. Laboratory work. One period a week. One-half of a semester.
Professor GRINKER.

Third and Fourth Years.

(m) Research Problems. Medical Anthropometry.
Professor HALL.

The courses of the first year, (a), (b), (c), (d), (e), may be completed in the laboratories of the College of Liberal Arts at Evanston. Students wishing so to finish the work should register in College as follows:

Zoölogy D. Physiology for Medical Students. Three hours a week throughout the year.
Dr. HARPER.

IV. Department of Pharmacology.

This department has a complete laboratory equipment, furnishing every aid toward the acquirement of a systematic knowledge of medicines, including: (1) natural and laboratory products; (2) their actual manufacture; (3) the demonstration by modern scientific methods and apparatus of their physiological actions on the lower animals; (4) thorough didactic instruction covering the physiological action in detail of the more important remedies on the various systems of the human body; and (5) carefully recognized therapeutic indications governing their employment in disease.

The laboratory cabinets contain all drugs and chemicals with their preparations.

Second Year.

(a) Pharmacognosy and Pharmacy (operative). Laboratory work, four hours a week. One semester.
Professor MILLER.

(a, a) Summer course. Two two-hour laboratory periods a week. Equivalent to Course (a).

(b) Pharmacology. Experimental. Laboratory work four hours a week. One-half of a semester.
Professor MILLER.

(c) Pharmacology. Recitations. Twice a week. One semester.
Professor MILLER.

(d) Pharmacy. Dispensing. Forty-eight hours of service in Pharmacy at The South Side Dispensary, under the supervision of Professor MILLER and Mr. THATCHER.

Third and Fourth Years.

(e) Research work on Physiological Action of Drugs.

V. Department of Pathology and Bacteriology.

Four spacious and well lighted laboratories, occupying the whole second floor of the main College building, are in use by this department. They have been equipped liberally with new microscopes, microtomes, and all modern apparatus and appliances for general class-work and for individual research. On the third floor of the main College building a number of small rooms have been set apart in which physicians or advanced students may find excellent facilities for research work.

The Pathological Museum of the School is on the first floor, and contains a very complete and excellent collection of pathological specimens, preserved in natural colors, for instruction and practical exercises in Pathological Anatomy. The department is supplied with a valuable reference library.

Second Year.

(a) Bacteriology. Lectures and demonstrations. Two hours a week. First semester.
Professor ZEIT.

(b) Bacteriology. Laboratory work. Three three-hour periods a week. First semester.
Professor ZEIT and Dr. BUHLIG.

(b, b) Summer Course. Three times a week. Equivalent to Courses (a) and (b).
Professor ZEIT and Dr. BUHLIG.

(c) General Pathology. Laboratory work. Three two-hour periods a week. Second semester.
Professor ZEIT and Dr. GOLDSMITH.

(c, c) Summer Course, daily. Equivalent to Course (c).
Professor ZEIT and assistants.

(d) Recitations on principles of General Pathology. Two hours a week. The recitations cover the subjects studied in the laboratory. Second semester.
Dr. GOLDSMITH.

(e) Etiology. Two lectures a week during February and March.
Professor ZEIT.

(f) Hygiene. Recitation course of two hours a week for three months (March, April, and May). Two lectures a week.
Dr. BUHLIG.

Third Year.

(g) Special Pathology. Practical exercises in diagnosis of morbid anatomy and histology of special organs. Two hours a week throughout the year.
Professor ZEIT and assistants.

(h) Clinical Pathology. Daily conferences and laboratory work. One period daily. One-half of a semester.
Professor ZEIT and Dr. KOEHLER.

(h, h) Summer Course. Daily. Equivalent to Course (h).
Professor ZEIT and Dr. KOEHLER.

(i) Theory and Practice of Laboratory Diagnosis. The clinical significance of the various laboratory find-

ings are considered in didactic lectures. One period a week one semester.
Dr. KOEHLER.

In the *clinical laboratory* the vast material from various hospitals, the college clinics, and the dispensary clinics is examined and the findings are reported to the department sending specimens or patients. The student is made to apply his resources and knowledge gained in the physiological, chemical, pathological, and bacteriological laboratories to actual cases which the various college and dispensary clinics furnish.

The laboratory work includes the following subjects:

I. Pathological Laboratory Technique.
II. Urine Analysis.
III. Sputum Examination.
IV. Clinical Bacteriology.
V. Hæmatology.
VI. Examination of Stomach Contents and Feces.
VII. Examination of Exudates and Transudates.

Second, Third, and Fourth Years.

(j) Public autopsies with practical instruction in technique and diagnosis in the large amphitheatre of the main building, as may be announced from time to time. Students of the third and fourth years are excused from conflicting college duties.
Professor ZEIT and assistants.

(k) Special advanced work in Pathology.
Professor ZEIT and Dr. GOLDSMITH.

(l) Special advanced work in Bacteriology.
Professor ZEIT and Dr. BUHLIG.

(m) Advanced work in Clinical Pathology.
Professor ZEIT and Dr. KOEHLER.

VI. Department of Physical Diagnosis.

The work of this department comprises didactic lectures, practice in physical examinations of the normal body, physical diagnosis clinics, and special clinical work in the Dispensary, the class being divided into eight sections, each of which spends one-half of a semester in learning to recognize physical signs of disease shown by actual patients.

Second Year.

(a) Physical Examination of the normal body. Laboratory work. Eight periods. First semester.
Dr. CHESTER, Dr. ELLIOTT, Dr. KERR, Dr. BRANDT.

(a, a) Summer course. Equivalent to Course (a).
Dr. CHESTER.

(b) Theory and Practice of Physical Diagnosis. Lectures. Twice a week. Two semesters.
Professor MIX.

(b, b) Summer course. Equivalent to Course (b).
Dr. CHESTER.

(c) Physical Diagnosis Clinic.
Professor MIX.
Cases chosen from the large Dispensary Clinics are brought before the class, and are presented with especial reference to diagnosis.

(d) Laboratory work. Examination of the diseased body in the Dispensary. Two periods a week. One-half of a semester. This work is done in small sections of the class.
Professor MIX, Dr. CHESTER, Dr. BRANDT, Dr. KLEUTGEN, Dr. ELLIOTT, Dr. KERR.

VII. Department of Obstetrics.

The teaching in this department is clinical, didactic, by demonstrations, by individual exercises on the manikin, and by recitations and conferences in large and small classes.

Obstetric cases of Mercy, Provident, and Wesley Hospitals are used for teaching. The senior students are required to take a two weeks' service in the Chicago Lying-in Hospital and Dispensary. Each student therefore sees and personally conducts from six to ten labors in the homes of the patients, or in the Chicago Lying-in Hospital under the guidance of the assistant physicians. The pathological material is abundant.

Third Year.

(a) The Physiology of Pregnancy, Labor, and the Puerperium. Two recitations a week through the year.
Professor REED and Dr. MONASH.

Fourth Year.

(b) The Pathology of Pregnancy, Labor, and the Puerperium. Two lecture recitations a week through the year.
Professor De Lee.

(c) Individual Practice on the Manikin. Sixteen exercises for each group of six students.
Dr. Stowe, Dr. Roehler, and Dr. Carr.

(d) Practical Obstetrics. Each member of the senior class is required to spend two weeks at the Chicago Lying-in Hospital, during which time he is excused from all college work. Experience shows that he will personally conduct during this time from six to ten cases of labor upon which careful instruction is given.
Professor De Lee and assistants.

(e) Students of both the third and fourth years attend obstetric demonstrations and labors conducted by Professor De Lee and assistants in the amphitheater of Wesley Hospital. Attendance on six labors is necessary for graduation.

VIII. Department of Dermatology and Syphilology.

The clinical material in this class of diseases is exceedingly abundant and opportunity is given to every student to examine each case personally. The most instructive cases are carefully selected for the general weekly clinics, at which they are demonstrated and exhaustively discussed.

Special attention is paid to the differential diagnosis, histopathology, and treatment of the more common dermatoses usually met with by the general practitioner.

Third Year.

(a) Dermatology, Syphilology, and Gonorrhœa. Recitations and demonstrations. Once a week through the year.
Professor Pardee.

(b) Dispensary clinic daily for four weeks.
Professor Pardee.

(b, b) Summer course. Equivalent to Course (c).

Fourth Year.

(c) Clinical lectures. One period a week.
Professor ZEISLER.

IX. Department of Laryngology and Rhinology.

This department is furnished with specially constructed individual stalls and electric lights for the training of divided classes of students in the technique of examination and treatment of the nose and throat, following the method of arrangement in vogue at Vienna. A dark-room for translumination tests and a dressing-room are attached.

Preparation for work in this department is afforded by the work in the Physiological Department on the larynx, in which a careful dissection of this organ is made, as is also a study of its cartilages, muscles, and mucous membrane.

Third Year.

(a) Laryngology and Rhinology. Lecture one hour a week. One semester.
Professor CASSELBERRY.

(b) Clinical Lecture. One hour a week throughout the year.
Professors CASSELBERRY and MENGE.

(c) Dispensary Clinics. Individual instruction in technique. Six periods a week for four weeks.
Professor CASSELBERRY and Professor MENGE, assisted by Dr. DENNIS, Dr. YOUNGER, Dr. BRACKEN, and Dr. MACLAY.

(c, c) Summer course. Equivalent to Course (c).

(d) Clinical Lecture. One hour a week at Mercy Hospital, and one hour a week at Wesley Hospital.
Professor MENGE.

X. Department of Ophthalmology and Otology.

The space allotted to this department includes a commodious waiting room, two large clinic rooms, and dark rooms; these with cases well stocked with instruments and

appliances afford ample equipment. The abundant material of the Dispensary enables the teaching staff to demonstrate practically the whole field of clinical eye and ear practice.

Preparation for the special work of this department is provided by the courses which the second-year students receive in the gross and minute Anatomy and the Physiology of the Eye and Ear.

Second Year.

(a) Normal Ophthalmoscopy and Skiascopy. One laboratory period a week. One-fourth of a semester. Dr. PATTILLO.

Third Year.

(b) Clinical Lectures and Demonstrations. St. Luke's Hospital. One period a week.
Professor ALLPORT and Dr. WOOD.

Fourth Year.

(c) Ophthalmology and Otology. The pathology, therapy, surgery, and hygiene of the eye and ear. One lecture a week. Two semesters.
Professor GRADLE.

(d) Clinical Lecture at the College. Once a week. Two semesters.
Professor GRADLE.

(e) Clinical Lecture to sections of the class at Mercy Hospital. Twice a week.
Dr. PATTILLO.

(f) Dispensary Clinics, in which small classes of students receive individual instruction in examination, diagnosis, and treatment of cases. Six periods a week for four weeks.
Professor MANN, Dr. SALINGER, Dr. PATTILLO, Dr. HORWITZ, Dr. CROSSLEY, and Dr. BRUMUND.

(f, f) Summer course. Equivalent to Course (f).

XI. Department of Gynecology.

Instruction in this department comprises recitations, dispensary clinics, conferences, and surgical clinics. The

clinics are given in Wesley Hospital, Mercy Hospital, St. Luke's Hospital, and to divided classes in the Dispensary. All students are required to make themselves proficient in general gynecological diagnosis and treatment, and with this object in view, are brought into close personal relation with a large number and variety of cases in the Dispensary. Not less than an average of three operative clinics a week are given in different hospitals in the immediate vicinity of the College. These clinics afford the student abundant opportunity to familiarize himself with all the major and minor operations of gynecology. Not only a theoretical appreciation, but a practical working knowledge of gynecology is a prerequisite for graduation.

Third Year.

(a) Operative Clinics and Lectures at St. Luke's Hospital. One two-hour period a week.
Professor DUDLEY, October to April; Professor FRANKENTHAL, April to July; Dr. CUTHBERTSON, July to October.

Fourth Year.

(b) General Gynecology. Recitations. Twice a week, from October to April.
Dr. GILLMORE, Dr. SAUER, Dr. BARNES, Dr. LEWIS, and Dr. HOLLISTER.

(c) Operative Clinics and Lectures at Wesley Hospital. One two-hour period a week throughout the year.
Professor WATKINS.

(d) Operative Clinics and Lectures at Mercy Hospital. Once a week throughout the year.
Professor F. T. ANDREWS.

(e) Dispensary Clinics. Daily to divided classes. Every fourth-year student is required to attend for four weeks.
Professors WATKINS and F. T. ANDREWS, Dr. GILLMORE, Dr. SAUER, and Dr. BARNES.

(e, e) Summer course. Equivalent to Course (e).

(f) Gynecological Clinics to sections of the senior class. Once a week. Wesley Hospital.
Professor WATKINS.

XII. Department of Neurology.

The teaching in this department is done by lectures, recitations, and clinics in the College and Dispensary, and by clinics in the hospitals.

Third Year.

(a) Nervous Diseases. Recitations. Once a week.
Dr. HECHT.

Fourth Year.

(b) Diseases of the Nervous System. One lecture a week. One semester.
Professor CHURCH.

(c) Recitations. Text-book and reviews of clinical and didactic lectures. One hour a week. One semester.
Dr. HECHT.

(d) Clinical Lecture. Once a week. First semester.
Professor PATRICK.

(e) Clinical Lecture, with special reference to hospital cases. Once a week. Second semester.
Professor CHURCH.

(f) Dispensary Clinics. Six periods a week for four weeks.
Professors PATRICK and GRINKER, Dr. HECHT, Dr. SHOCKEY, Dr. W. E. BRENNEMAN, Dr. FOLEY, and Dr. LAYTON.

(f, f) Summer course. Equivalent to Course (f).

(g) A weekly ward visit at Wesley Hospital.
Professor GRINKER and Dr. HECHT.

Sub-Department of Mental Diseases and Medical Jurisprudence.

(a) Mental Diseases. One lecture a week. One-half of a semester.
Professor CHURCH.

(b) Medical Jurisprudence. One lecture a week. One-half of a semester.
Professor CHURCH.

(c) Recitations. Reviews of clinical and didactic lectures. Once a week. One semester.
Dr. HECHT.

XIII. Department of Pediatrics.

It is the plan of this department to make its instruction chiefly clinical and personal.

Third Year.

(a) Recitations. One period a week. One semester.
Professor WALLS.

(b) Dispensary. Children's Clinic. Six periods a week for four weeks.
Professor WALLS, Professor HILL, Dr. MCGONAGLE, Dr. J. BRENNEMAN, Dr. SNOW, Dr. HORWITZ, Dr. CAMPBELL, Dr. BECK, and Dr. GRULEE.

(b, b) Summer course. Equivalent to Course (b).

(c) Clinical Lecture. One period a week.
Professor WALLS.

The most interesting cases of patients attending the dispensary clinics are reserved for the weekly college clinics. This course is required of juniors and is open to all seniors.

(d) Diet Kitchen. Examination and preparation of infant foods.
Professor WALLS.

XIV. Department of Surgery.

The course offered in Surgery is systematically graded, beginning in the first year with a course in the application upon plaster models and cadavers, of roller bandages, casts, splints, extensions, etc., the last half of the time being devoted to a study of surface landmarks.

Junior students are given the privilege of attending at St. Luke's Hospital the surgical clinics of Professor Owens and his associates, at Mercy Hospital the surgical clinics

given by Professor E. Wyllys Andrews, and at Wesley Hospital the clinics given by Professors Schroeder and Plummer.

Sections of the senior class attend the surgical clinics at People's Hospital given by Professor Schroeder; and those given at Mercy Hospital by Professors Andrews and Morgan. The whole class attends Professor Van Hook's clinics at Wesley Hospital, also the clinics at Mercy Hospital.

First Year.

(a) Preliminary Surgery. Surface Landmarks and Bandaging. Once a week. First semester.
Dr. KANAVEL and Dr. ROSS.

Second Year.

(b) Recitations on Surgery. Three times a week during March, April, and May.
Dr. BESLEY and Dr. RICHTER.

Third Year.

(c) Dispensary Clinics in General Surgery. Individual instruction in divided classes. Six times a week for four weeks.
Dr. RICHTER, Dr. MATTER, Dr. KANAVEL, Dr. CUBBINS.

(c, c) Summer course. Equivalent to Course (c).

(d) Operative Surgery on cadaver. Laboratory. Three periods a week for four weeks. First semester.
Professor PLUMMER.

(d, d) Summer course. Equivalent to Course (d).

(e) Experimental Operative Surgery upon Dogs. Three periods a week for four weeks. Second semester.
Dr. RICHTER and Dr. KANAVEL.

(f) Lectures and Recitations on Surgery. Twice a week.
Professors PLUMMER and SCHROEDER.

(h) Clinical Lectures in Wesley Hospital Amphitheater. One two-hour period a week.
Professors PLUMMER and SCHROEDER.

(h) Clinical Lecture in Mercy Hospital Amphitheater. Two two-hour periods a week.
Professor E. WYLLYS ANDREWS and assistants.

(i) Clinical Lecture at St. Luke's Hospital. Once a week.
Professor OWENS, Dr. ALLPORT, and Dr. MCARTHUR.

Fourth Year.

(j) Clinical Lecture on General Surgery. Twice a week.
Professor VAN HOOK.

(k) Surgical Clinic in Wesley Hospital Amphitheater. One three-hour period a week.
Professor VAN HOOK, Dr. RICHTER, Dr. BESLEY, Dr. MORF, Dr. MATTER, and Dr. KANAVEL.

(l) Clinical Lecture in Mercy Hospital Amphitheater. Two two-hour periods a week.
Professor E. WYLLYS ANDREWS and assistants.

(m) Clinical Lecture in Mercy Hospital Amphitheater. Once a week.
Professor MORGAN and assistants.

(n) Clinical Lecture to sections of the class at Mercy Hospital. Once a week.
Dr. BUFORD.

(o) Surgical Clinic to sections of the class at People's Hospital. Once a week.
Professor SCHROEDER.

(p) Weekly ward visits at Wesley, Mercy, and People's Hospitals. Twice a week.
Professors VAN HOOK, ANDREWS, MORGAN, PLUMMER, SCHROEDER, and Dr. BUFORD.

(p, p) Summer course. Equivalent to Course (p).

Genito-Urinary Surgery.

Third Year.

(a) Dispensary Clinics in Genito-Urinary Surgery. Individual instruction in divided classes. Six times a week for four weeks.
Professor SCHMIDT, Dr. LESPINASSE, Dr. ROSS, Dr. HUEY, and Dr. SWIFT.

(a, a) Summer course. Equivalent to Course (a).

(b) Clinical Lecture in Genito-Urinary Surgery. Once a week.
Professor SCHMIDT.

Orthopedic Surgery.

The instruction in Orthopedic Surgery is based upon the clinical material at hand. The abundant material of the dispensary clinic furnishes a sufficient range of cases to permit a fairly complete presentation of the whole subject of Orthopedics, with the greater advantage of illustrating each subject with one or more cases.

Third Year.

(a) Recitation or Clinical Lecture in Orthopedics. Once a week.
Professor RIDLON.

(b) Dispensary Orthopedic Clinics before small classes. Three times a week for four weeks.
Dr. JACOBS, Dr. BRISLEN, and Dr. EIKENBARY.

(b, b) Summer course. Equivalent to Course (b).

(c) Hospital Clinics and Operative Clinics at Mercy Hospital and Wesley Hospital as the material allows.
Professor RIDLON.

(d) Selected students may receive personal training at the Home for Destitute Crippled Children in operative technique, ordering and adjustment of braces, application of plaster of paris dressings, and in the selection of materials and details of manufacture of orthopedic appliances.
Professor RIDLON.

XV. Department of Medicine.

The extensive second year course in Physical and Clinical Diagnosis, illustrated by the large college clinics, lays a broad foundation for the medical courses which are to follow. It is accompanied by a thorough course in the technique of Physical Diagnosis, beginning with laboratory work upon the normal subject and illustrated by typical cases from the clinics.

An important feature in the medical instruction in the junior year is the work in the medical department of the South Side Dispensary. Small sections of eight or ten stu-

dents are assigned to a service of five weeks. During this service each student has an opportunity to receive personal instruction in the application of his previous year's work in physical diagnosis, in the methods of differential diagnosis, in symptomatology, in therapeutics, and in prescription writing. This personal contact with patients and individual opportunity to put into practice the didactic and clinical instruction of the various departments has always been a leading feature in this instruction.

The medical teaching of the senior year is chiefly clinical. The study of medicines and their mode of action is begun before clinical teaching is taken up, as those subjects must be understood before prescriptions for the sick can be comprehended. For this reason also general pathology is taken in the second year; and in the third, special pathology, while the recitation course in medicine is being pursued.

The object of the department is to introduce first the most fundamental subjects which are tributary to medicine, and finish the course with as many practical clinical demonstrations as posible.

Second Year.

See Courses (a), (b), (c), (d), announced under the Department of Physical Diagnosis.

Third Year.

(e) Recitations from text-books. Three hours a week. Professor PREBLE, Dr. DYCHE, Dr. ACHILLES DAVIS, Dr. KERR, and Dr. ELLIOTT.

(f) Dispensary Clinic to small classes. Four weeks. Dr. FOWLER, Dr. CHESTER, Dr. MOWRY, Dr. GIBSON, Dr. ELLIOTT, Dr. DAVIS, Dr. BUTT, Dr. KERR, Dr. ERICKSON, Dr. FRANCIS, Dr. PECH, Dr. OSGOOD, Dr. KLEUTGEN, and Dr. BRANDT.

(f, f) Summer Course. Equivalent to Course (f).

(g) Clinical Lectures at the College. Once a week. Professor PREBLE.

(h) Clinical Lectures at St. Luke's Hospital. Once a week.
Professor WALLS and Dr. FAVILL.

Fourth Year.

(i) Lectures on Diseases of the Stomach, Intestines, Liver, and Pancreas. One hour a week.
Professor DAVIS.

(j) Lectures on Infectious Diseases, and Chronic General Diseases. One hour a week.
Professor EDWARDS.

(k) Clinical Lectures at Mercy Hospital. Once a week, first semester; twice a week, second semester.
Professor DAVIS.
Twice a week throughout the year.
Professor EDWARDS.
Once a week, first semester.
Professor WEBSTER.

(l) Clinical Lectures at the College. Once a week.
Professor EDWARDS.

(m) Clinical Lectures at Wesley Hospital.
Once a week, first semester.
Professor DAVIS.

(n) Clinical Lectures at Wesley Hospital.
Once a week, second semester.
Professor WEBSTER.

(o) Clinical Lectures at Wesley Hospital.
Once a week throughout the year.
Professor PREBLE.

(p) Weekly visits to the wards of Wesley, Mercy, and St. Luke's Hospitals under the guidance of Professors DAVIS, EDWARDS, WEBSTER, WALLS, and PREBLE, and Dr. DYCHE, Dr. CHESTER, Dr. GIBSON, Dr. KERR, and Dr. ELLIOTT.

(p, p) Summer Course. Equivalent to Course (p).

TEXT-BOOKS AND REFERENCE BOOKS FOR 1905-06.

(The names of Text-Books used are printed in Italics.)

Dictionaries: *Gould*, Century, American Illustrated Medical.

Anatomy: *Cunningham*, Gray, Morris, Quain, Gerrish, Joessel, Edinger on Brain and Spinal Cord, Spalteholtz, Howell on Dissection of the Dog, Treves' Applied Anatomy, Holden's Osteology, Hayne's Manual of Anatomy, Eisendrath, Woolsey.

Histology: *Stohr*, Quain, Bohm, Davidoff, Huber, Piersol, Schaefer.

Embryology: Heisler, Hertwig, Quain, Marshall, Minot.

Physiology: *Hall's Text-Book of Physiology*, *Hall's Manual of Experimental Physiology*, American Text-Book of Physiology.

Chemistry: *Long's General Chemistry*, *Long's Analytical Chemistry*, *Long's Urine Analysis and Notes*, *Remsen's Organic Chemistry*, *Physiologic and Pathologic Chemistry by Bunge.*

Materia Medica: *White and Wilcox*, *Sollman*, Wood, Hare, American Text-Book of Applied Therapeutics.

Pathology: *American Text-Book of Pathology*, *Delafield and Prudden*, *Mallory and Wright Pathological Technique*, Zeigler's General and Special Pathology, Thoma, Stengel, McFarland, Coplin.

Clinical Pathology: *Cabot on Examination of the Blood*, Mallory and Wright Pathological Technique; Simon, Clinical Diagnosis; Boas, Magenkrankheiten, Vol. I.; Lenhartz, Purdy, Ewing, Sahli, v. Jaksch, Hensel.

Operative Surgery: *Bickham*, Allingham, Stimson, Zuckerkandl; McGrath, Surgical Anatomy and Operative Surgery.

Medical Jurisprudence: *Reese*, Taylor.

Nervous Diseases: *Church and Peterson*, Dana, Gowers, Dercum, Gray, Mills.

Practice of Medicine: *Osler*, Strümpell, Tyson, Twentieth Century, Allbutt, Loomis and Thompson, *Davis' Heart*, *Lungs*, *and Kidneys.*

Surgery: *International Text-Book of Surgery*, Tillmanns, Dennis, Da Costa, American Text-Book of Surgery, Park.

Obstetrics: *De Lee's Notes*, Hirst, Williams, Jewett, American Text-Book of Obstetrics, Lusk, Parvin.

Physical Diagnosis: *Vierordt*, Da Costa, Musser, Butler, Le Fevre, Cabot, Leube, Sahli.

Diseases of Children: *Holt*, Hatfield, American Text-Book of Children.

Diseases of the Eye: *Fuchs*, De Schweinitz, May, American Text-Book of Eye, Ear, Nose, and Throat.

Diseases of the Ear: *Gradle, Diseases of the Nose, Pharynx, and Eye*, Bacon, Politzer, American Text-Book of the Eye, Ear, Nose, and Throat.

Gynecology: *Dudley*, Byford, Webster, Kelly, Emmet, Montgomery, Reed.

Laryngology: *Wright*, Kyle, Bosworth, McBride, American Text-Book of Eye, Ear, Nose, and Throat.

Dermatology: *Stelwagon, Morris*, Crocker, Walker, American Text-Book of Skin and Venereal Diseases.

Etiology and Hygiene: *Bergey*, Rohe, Abbott, Egbert.

Bacteriology: *McFarland*, Muir and Ritchie, Abbott, Crookshank, Sternberg.

Orthopedic Surgery: *Ridlon and Jones*, Bradford and Lovett, Whitman.

Syphilis and Venereal Diseases: *Schmidt*, Taylor, Keyes, American Text-Book of Skin and Venereal Diseases.

REQUIREMENTS FOR GRADUATION.

To obtain the degree of Doctor of Medicine, a candidate must fulfill the following requirements:

1. He must have satisfactorily completed four full annual courses of lectures of eight months each, including all the topics listed as required subjects on page 199.

2. He must be at least twenty-one years of age.

3. He must be of good moral character and must have maintained an irreproachable moral standing while at the school.

4. He must have dissected the median half of the human body.

5. He must have been in attendance upon clinics for three years.

6. He must have secured satisfactory standing in all final examinations.

7. He must have completed payment in full of all fees.

FINAL EXAMINATIONS.

Final examinations are held in required courses at the end of each semester.

Examinations for those who need a second test are given in October and in February.

Students defective in two or more branches after the October examinations must take those branches a second time, and may elect no studies that conflict with them. Such students will be classed as irregulars.

HONORS.

To a few students deemed by the Faculty worthy, because of their uniformly good standing, honors will be granted, and such students may be graduated *Cum Laude* or *Magna Cum Laude.*

To students who have uniformly good standing in required subjects and who do special work of an excellent character in any department, special honors will be granted.

THE ALUMNI LIBRARY.

The Alumni Library of nearly three thousand bound volumes, besides several thousand unbound journals and pamphlets, is situated on the fourth floor of Davis Hall. A description of the equipment will be found on page 63. The library is open from 9 to 5 o'clock daily.

The net profits on the sale of all college text-books at the library are devoted to its increase and care.

The alumni committee in charge of the library includes Professors Webster, Hall, and Edwards, with one member of the class graduating the preceding year. An advisory committee of one student from each class assists the alumni committee in the administration of the library. This method of administration makes the library a co-operative institution, controlled by students and alumni, rather than by the University.

Each department of instruction is well represented in the library. There is a large number of reference books and dictionaries.

All of the larger systems of Medicine and Surgery are at the command of the student, and the important recent works in all departments are added to the library as soon as they appear.

GYMNASIUM.

A room on the fourth floor of Davis Hall has been set apart for a Gymnasium, and is equipped for most of the lighter floor work usually given and for hand-ball. The hand-ball court is especially popular, and is in almost constant use. The brisk gymnasium exercise, followed by a shower-bath, has had a marked effect upon the health and good spirits of the student community. Besides hand-ball and regular classes in various exercises there have been organized classes in fencing.

THE HOSPITAL QUIZ CLASS.

Experience has shown that students who have made a careful review of the branches of the medical course are more successful in the competitive hospital examinations than are students who have not had such a review.

The Hospital Quiz Class is under Faculty supervision and is so arranged that the students get a thorough review during the last twelve or eighteen months before the examinations without sacrificing any of their required senior work.

Only the best one-fourth of the graduating class are eligible to the quiz class. Since 1900 every member of the quiz class has secured a good hospital appointment. The list of such appointments made from graduates during the year 1905 may be found on page 417.

THE SUMMER SCHOOL.

There is an increasing demand for summer work in medicine on the part of students from institutions whose clinical facilities are not as good as those enjoyed in Chicago, and on the part of students of this Medical School who are making special preparation for the competitive hospital examinations which occur at the end of the course, and of those who have entered from other medical colleges and have work to make up.

The courses of the summer school are well adapted to the needs of practitioners, there being extended opportunity for practice in the newer and more scientific methods of clinical diagnosis and pathology, as well as for experimental work in physiology, therapeutics, and surgery. The comparatively small number of students in summer courses makes the clinical opportunity especially good.

The highest quality of work is insisted upon and full credit is given for the summer courses as far as they cover the ground of the regular course of the college year.

Summer courses begin June 7th and extend to August 1st, thus covering the period of one-half of a semester. Registration for such courses must be made with the Registrar at the Medical School.

Courses will not be given unless a sufficient number of students register for them.

The courses of the summer school will be found listed in the regular work of the several departments.

YOUNG MEN'S CHRISTIAN ASSOCIATION.

The Association of Northwestern University Medical School was organized in 1892. It aims to aid in the development of the highest moral and religious character in young men. It is connected with the Intercollegiate Department of the Chicago Association. By this arrangement members can obtain full privileges, at sixty per cent of the regular rates, at any of the Association buildings in this city. These privileges include gymnasia, baths, natatoria, restaurants, barber shops, bicycle storage, receptions, clubs of various kinds, libraries, evening instruction in Latin, German, mathematics, etc., courses of lectures and other entertainments.

Religious meetings are held once a week during the college year and classes in Bible-study, with weekly meetings, are maintained. Committees of the Association will cheerfully aid students in obtaining board and rooms. Connected with the Association of Northwestern University Medical School is a very efficient employment bureau, conducted under the supervision of Mr. H. S. Hollenbeck. During the summer a canvass is made and places found for students wishing to earn money during their medical course. These positions are assigned in October to those in need of them.

FEES AND EXPENSES.

Matriculation Fee.—A student is required to pay at the time of his first registration a matriculation fee of five dollars. This fee is paid but once, and is charged all students alike.

Annual Fee.—A fee of one hundred and seventy-five dollars is paid annually by all students.

The annual fee may be paid in installments as follows: Before October 4th, $60.00; before January 4th, $60.00; before April 4th, $55.00. A *discount* of $15.00 is made when all fees and deposits for the year are paid before October 4th.

Each student who uses a college microscope will be charged a rental therefor as follows: In Histology and in Pathology, $2.00 a semester; in Bacteriology, for microscope having oil-immersion lens, $3.00 a semester.

The right is reserved to alter existing fees and to levy new fees without notice, as conditions may demand.

Practitioners who are making brief visits to the city are always welcome to attend lectures and clinics. Those wishing to attend single lecture or laboratory courses through the year will be charged from fifteen to twenty-five dollars for each course. Those wishing to take all of the work of any one year will pay the same fee as regular students.

All fees are payable in currency or Chicago exchange.

Hospital Fees.—For the various Hospitals, fees ranging from five to twenty dollars a year are paid by the students. These are announced under the several Hospitals for which they are due.

Examination Fee.—A fee of five dollars is charged for every *special* examination taken by a student out of course.

Deposits.—A deposit fee of ten dollars is required of all students as a precaution against breakage or injury to apparatus in the laboratories, unnecessary damage to buildings, or loss of instruments in laboratories and clinics. This fee must be paid on or before the first Monday in October and is refunded in case no injury or loss occurs.

Deductions to cover the loss will be made from the deposit of individual students, when it can be determined who has caused breakage or loss of apparatus or defacement of buildings. When it cannot be so determined the value of the loss or injury will be deducted *pro rata* from the deposits of all students.

Refunds.—No refund of tuition fees is allowed except in case of serious illness. If on that account a student withdraws before the middle of a semester, one-half of his tuition fee for that semester will be refunded, provided he secures from the Dean a statement of honorable standing and from a physician a certificate of inability to remain in attendance. The matriculation fee is in no case refunded.

Assignment of Seats.—Students of the three upper classes may register and secure seats in the amphitheaters at the opening of the session, or by sending five dollars at an earlier date to the Clerk of the School.

BOARD AND LODGING.

Board and lodging vary in price from three and a half to six dollars a week. Rooms for those who desire to board and lodge themselves will cost from six to ten dollars a month. Students sometimes form boarding clubs in which the cost of board can be reduced to two dollars and a half a week. A reliable list of desirable rooms and boarding places recommended by the boarding-house committee of the Young Men's Christian Association can be obtained at the Association rooms or at the Registrar's office.

How to Reach the College.—Students who desire to go directly to the College from the trains should take the South Side Elevated Railroad and get off at Twenty-sixth Street; or they may take the State Street cars and ride south to Twenty-fourth Street.

HOSPITALS.

The following Hospitals are open to students in this Medical School at fees commensurate with the privileges afforded. The names of those members of the staffs of the several Hospitals who are connected with this school are marked with an asterisk.

WESLEY HOSPITAL.

Medical Staff.

WELLER VAN HOOK, M.D., *Chairman.*

Attending Physicians.

*Nathan S. Davis, M.D.
*Arthur R. Edwards, M.D.
*Robert B. Preble, M.D.
*George W. Webster, M.D.

Attending Surgeons.

*Weller Van Hook, M.D.
*Samuel C. Plummer, M.D.
*William E. Schroeder, M.D.

Attending Gynecologists.

*Thomas J. Watkins, M.D.
*E. C. Dudley, M.D.
*Frank T. Andrews, M.D.

Attending Obstetricians.

*Joseph B. De Lee, M.D.
*Charles B. Reed, M.D.

Attending Neurologists.

*Archibald Church, M.D.
*Hugh T. Patrick, M.D.

Attending Oculists and Aurists.

*Henry Gradle, M.D.
*Frank Allport, M.D.

Attending Orthopedic Surgeon.

*John Ridlon, M.D.

Attending Dermatologists.

*Joseph Zeisler, M.D.
*Lucius Pardee, M.D.

Attending Laryngologists.

*William E. Casselberry, M.D.
*Frederick Menge, M.D.

Attending Pathologist.

*Robert F. Zeit, M. D.

The most notable recent addition to the equipment of the Medical School is to be found in the operating rooms, wards, and laboratories of Wesley Hospital. Neither expense nor time has been spared to make this one of the best equipped hospitals in the world.

With its laboratories for sterilizing and preparing dressings and instruments, its amphitheaters, its clinical and pathological laboratories, drug-room and morgue, its sunbaths and suites of

private rooms, and its commodious, light, and well ventilated wards, this institution has reached a high mark in hospital construction and equipment. The personnel of its staff vouchsafes to the public a high ideal in medical science in the treatment of disease, and guarantees to the medical undergraduates unexcelled opportunities to observe and to participate in the most advanced medical and surgical treatment of cases.

The wards and private rooms contain together two hundred and twenty-five beds.

One of the largest and best training schools for nurses in Chicago is connected with Wesley Hospital.

The instruction given to the students in Wesley Hospital makes a very important part of their clinical course. This is consequent upon the close relation of the two institutions—the hospital standing beside the College building and connected with it by corridors.

The annual fee for the Wesley Hospital ticket for seniors is five dollars.

The course of Clinics given during the year 1905-06 is as follows:

XIV. (g) Clinical Lectures in Surgery. One two-hour period a week.
Professors PLUMMER and SCHROEDER.

XIV. (j) (k) Clinical Lectures in Surgery. Twice a week.
Professor VAN HOOK, assisted by Dr. RICHTER, Dr. BESLEY, Dr. MORF, Dr. MATTER, and Dr. KANAVEL.

XV. (m) Clinical Lectures in Medicine. Once a week. First semester.
Professor DAVIS.

(n) Clinical Lectures in Medicine. Once a week. Second semester.
Professor WEBSTER.

(o) Clinical Lectures in Medicine. Once a week through the year.
Professor PREBLE.

XI. (c) Clinical Lectures in Gynecology. Once a week through the year.
Professor WATKINS and assistants.

XV. (p) Ward Visits in Medicine.
Dr. GIBSON, Dr. ELLIOTT, Dr. A. DAVIS, and Dr. KERR.

XIV. (p) Ward Visits in Surgery.
Professors VAN HOOK, PLUMMER, and SCHROEDER, Dr. RICHTER, Dr. PARKER, and Dr. KURTZ.

XII. (g) Ward Visits in Neurology. Weekly.
Assistant Professor GRINKER and Dr. HECHT.

MERCY HOSPITAL.

Attending Staff.

Consulting Physician.
*John H. Hollister, M.D.

Department of Surgery.
*E. Wyllys Andrews, M.D.
*William E. Morgan, M.D.

Department of Orthopedic Surgery.
*John Ridlon, M.D.

Department of Medicine.
*Nathan Smith Davis, M.D.
*Arthur R. Edwards, M.D.
*George W. Webster, M.D.

Department of Neurology.
*Archibald Church, M.D.

Department of Obstetrics.
*Joseph Bolivar De Lee, M.D.
*David F. Monash, M.D.

Department of Gynecology.
*Frank T. Andrews, M.D.
*Thomas J. Watkins, M.D.

Department of Eye and Ear.
*Richard S. Pattillo, M.D.

Department of Dermatology.
*Joseph Zeisler, M.D.

Department of Pathology.
*Frederick R. Zeit.

This hospital is at the corner of Calumet Avenue and Twenty-sixth Street, and is under the exclusive care of the Faculty of this School. It is conducted by the Sisters of Mercy, and receives a large number of patients annually, both from the city and the country. It has recently been rebuilt and enlarged so that its capacity is about four hundred beds. The operating rooms are equipped with every modern facility. The dressing and anaesthetizing rooms have been fitted up in a manner as near perfection as science and skill can make them.

Daily clinics are held in the hospital amphitheater, or at the bedside in the wards, according to the nature of the individual cases. The members of the Clinical Class are allowed to examine the cases for themselves, and thus acquire a personal familiarity with the clinical aspect of a large variety of diseases.

In classes of two or three, students of the senior year are allowed to watch the progress of obstetrical cases under the direction of the House Physician. Each member of the graduating class may serve as Surgical Dresser in Mercy Hospital, and receive a certificate for efficient and faithful services.

A laboratory has been equipped for Clinical Bacteriology and microscopical work, which will be utilized for teaching purposes as well as for clinical examinations.

The fee for the annual Mercy Hospital ticket is six dollars, and is paid by both junior and senior students.

The training school for nurses is one of the best in America, requiring a high school diploma for admission, and three years of twelve months each devoted to the theory and practice of trained nursing in every phase of the subject.

To students of the fourth year of the Medical School the following program of courses is provided:

XV. (k) Clinical Lecture in Medicine in the new amphitheater. Once a week, first semester; twice a week, second semester.
Professor DAVIS.

XV. (k) Clinical Lecture in Medicine. Once a week, first semester.
Professor WEBSTER.

XV. (k) Clinical Lectures in Medicine. Twice a week throughout the year.
Professor EDWARDS.

XV. (p) Ward Visits in Medicine. Three times a week.
Professors DAVIS, EDWARDS, and WEBSTER, Dr. DYCHE and Dr. CHESTER.

XIV. (l) Clinical Lecture in Surgery. Two two-hour periods a week in the new operating amphitheater for both third and fourth year classes.
Professor E. W. ANDREWS and assistants.

XIV. (m) Clinical Lecture in Surgery. Once a week.
Professor MORGAN and assistants.

XIV. (n) Clinical Lecture in Surgery to sections of the class. Once a week.
Dr. BUFORD.

XIV. (p) Ward Visits in Surgery. Twice a week.
Professors ANDREWS, MORGAN, and Dr. BUFORD.

XI. (d) Clinical Lecture in Gynecology. Once a week.
Professor F. T. ANDREWS.

X. (e) Clinical Lectures in Ophthalmology and Otology to sections of the class. Twice a week.
Dr. PATTILLO.

X. (d) Clinical Lecture in Larnygology and Rhinology Once a week.
Assistant Professor MENGE.

ST. LUKE'S HOSPITAL.

Attending Staff.

President, *JOHN E. OWENS, M.D.

Vice-President, FRANK BILLINGS, M.D.

Secretary, JUNIUS C. HOAG, M.D.

Attending Surgeons.

*John E. Owens, M.D.
Lewis L. McArthur, M.D.
W. H. Allport, M.D.
A. E. Halsted, M.D.

Attending Gynecologists.

*E. C. Dudley, M.D.
*T. J. Watkins, M.D.
*L. E. Frankenthal, M.D.
*Wm. Cuthbertson, M.D.

Attending Oculists and Aurists.

*Frank Allport, M.D.
Casey Wood, M.D.
Thomas A. Woodruff, M.D.
Paul Guilford, M.D.

Attending Orthopedic Surgeons.

A. B. Hosmer, M.D.
Frederick Mueller, M.D.
J. L. Porter, M.D.

Attending Neurologists.

*Archibald Church, M.D.
Sanger Brown, M.D.

Attending Physicians.

Frank Billings, M.D.
Henry B. Favill, M.D.
*Francis X. Walls, M.D.
*Robert B. Preble, M.D.

Attending Obstetricians.

Frank Carey, M.D.
Junius C. Hoag, M.D.

Attending Oral Surgeon.

Thomas L. Gilmer, M.D.

Pathologist.

*F. Robert Zeit, M.D.
Ludwig Hektoen, M.D.

Attending Pathologist.

F. L. Dagg, M.D.

Attending Laryngologists and Rhinologists.

*William Casselberry, M.D.
T. Melville Hardie, M.D.
Norval H. Pierce, M.D.

Dermatologist and Padiotherapist.

W. A. Pusey, M.D.

This hospital is situated on Indiana Avenue, near Fourteenth Street. Owing to its central situation, it receives a large number of accident cases, and its surgical clinic is consequently an extensive one. Clinics are given regularly in Medicine, Nervous Diseases, Surgery, Gynecology, and Diseases of the Eye and Ear. The autopsies, held by the Pathologists in the amphitheater of the hospital morgue, constitute an important part of the clinical instruction.

The St. Luke's Training School for Nurses is one of the oldest and best in the West. Its students, now numbering fifty, must have a thorough preliminary education, and they spend three years in theoretical and practical training.

The clinics and autopsies of St. Luke's Hospital are attended principally by the third-year students. The annual fee is five dollars. The following courses are given at this hospital:

XV. (h) Clinical Lectures in Medicine. Once a week.
Professor WALLS and Dr. FAVILL.

XIV. (i) Clinical Lectures in Surgery. Once a week.
Professor OWENS, Dr. ALLPORT, and Dr. MCARTHUR

X. (b) Clinical Lectures in Ophthalmology. Once a week.
Dr. ALLPORT and Dr. WOOD.

XI. (a) Clinical Lectures in Gynecology. Once a week.
Professors DUDLEY and FRANKENTHAL.

XV. (p) Ward Visits in Medicine. Once a week.
Professor WALLS.

PROVIDENT HOSPITAL.

Attending Staff.

Department of Surgery.

Daniel H. Williams, M.D.
*W. E. Morgan, M.D.
A. A. Wesley, M.D.
J. Charles Hepburn, M.D.

Department of Gynecology.

G. C. Hall, M.D.
Eugene O. Christoph, M.D.
Frank M. Clement, M.D.
R. A. Letourneau, M.D.

Department of Pathology.

Joseph L. Miller, M.D.
*Frank H. Brandt, M.D.

Department of Medicine.

A. W. Williams, M.D.
Edward S. Stewart, M.D.
J. W. White, M.D.
*A. E. Mowry, M.D.

Department of Obstetrics.

*Joseph B. De Lee, M.D.

Department of Dermatology.
Samuel L. Weber, M.D.

Department of Eye and Ear.
*William A. Mann, M.D.
Clark W. Hawley, M.D.

Department of Nose and Throat.
J. Frank McKinley, M.D.

Department of Pediatrics.
Edward S. Miller, M.D.
Andrew L. Smith, M.D.
W. C. Williams, M.D.
J. R. White, M.D.

Department of Oral Surgery.
C. E. Bentley, M.D.
C. P. Pruyn, M.D.

This hospital, located at the corner of Thirty-Sixth and Dearborn Streets, has been recently much enlarged. Besides its 100 beds, which can accommodate 800 to 1,000 patients annually, there is a large dispensary in which about 6,000 ambulatory patients receive treatment each year.

A large and well conducted training school for nurses not only has charge of the hospital and dispensary patients, but supplies nurses to a large number of families in their "out-service."

PEOPLE'S HOSPITAL.

This hospital has been recently opened to Northwestern University Medical School for clinical teaching. It is conveniently situated within a short walking distance of the school, at the corner of Archer Avenue and Twenty-Second Street, and it affords a variety of clinical material that is thoroughly appreciated by the students.

The People's Hospital is a private institution, organized in 1897 by Dr. I. C. Gary (Northwestern, '89), whose desire was to establish an ideal wage-earners' hospital, especially fitted to meet the wants of people in moderate circumstances.

It is located in the center of a densely populated, largely foreign section of the city, from which it draws its clinical material.

There is a training school for nurses in connection with the hospital, which provides efficient nursing. One interne is appointed each year from the graduating class at the college, and two senior students live at the hospital and serve as assistants. The hospital is well supplied with operating rooms and a complete laboratory.

The consulting staff consists of the following members of the Medical School faculty: Professor W. E. Morgan, *consulting surgeon;* Professor G. W. Webster, *consulting physician;* Professor H. T. Patrick, *consulting neurologist;* Professor F. T. Andrews, *consulting gynecologist;* Professor W. E. Schroeder, *surgeon.*

The clinical course given at the People's Hospital is as follows:

XIV. (o) Surgical Clinic to sections of the senior class.
Once a week.
Professor SCHROEDER and Dr. RIEBEL.

THE SOUTH SIDE DISPENSARY.

Dispensary Staff.

All members of the Dispensary Staff are members of the faculty of the Medical School.

Chief of Dispensary Staff, FRANK X. WALLS, M.D.

Medical Department.

Professor A. R. Edwards.	Dr. A. Davis.
Professor R. B. Preble.	Dr. G. B. Butt.
Professor C. L. Mix.	Dr. A. Koehler.
Dr. E. B. Fowler.	Dr. F. D. Francis.
Dr. P. Chester.	Dr. L. J. Osgood.
Dr. A. E. Mowry.	Dr. A Pech.
Dr. H. K. Gibson.	Dr. A. C. Kleutgen.
Dr. C. A. Elliott.	Dr. C. A. Erickson.
Dr. F. H. Brandt.	Dr. E. E. Kerr.

Surgical Department.

Professor W. Van Hook.	Dr. E. C. Riebel.
Dr. W. R. Cubbins.	Dr. F. R. Moessner.
Dr. F. E. Pierce.	Dr. R. A. Black.
Dr. C. M. Matter.	Dr. C. M. Fox.
Dr. A. B. Kanavel.	

Neurological Department.

Professor A. Church.	Dr. D'Orsay Hecht.
Professor H. T. Patrick.	Dr. G. C. Shockey.
Professor Grinker.	Dr. Wm. E. Brenneman.
Dr. E. N. Layton.	Dr. E. A. Foley.

Orthopedic Surgical Department.

Professor John Ridlon.
Dr. A. J. Brislen.
Dr. C. M. Jacobs.
Dr. C. F. Eikenbary.

Department of Ophthalmology and Otology.

Professor Henry Gradle.
Professor W. A. Mann.
Dr. A. P. Horwitz.
Dr. D. A. Brumund.
Dr. R. S. Pattillo.
Dr. D. Salinger.
Dr. E. R. Crossley.

Gynecological Department.

Professor E. C. Dudley.
Professor T. J. Watkins.
Professor F. T. Andrews.
Dr. W. S. Barnes.
Dr. H. E. Sauer.
Dr. R. T. Gillmore.
Dr. J. C. Hollister.
Dr. T. H Lewis.

Department of Pediatrics.

Professor F. X. Walls.
Dr. T. C. McGonagle.
Dr. J. C. Brennemann.
Dr. L. Beck.
Dr. M. Snow.
Dr. C. G. Grulee.
Dr. G. Koehler.
Dr. J. G. Campbell.

Department of Laryngology and Rhinology.

Professor Wm. E. Casselberry.
Professor F. Menge.
Dr. C. B. Younger.
Dr. G. P. Marquis.
Dr. G. J. Dennis.
Dr. O. H. Maclay.
Dr. W. S. Bracken.

Department of Dermatology and Syphilology.

Professor J. Zeisler.
Dr. E. R. Reynolds.
Professor L. C. Pardee.
Dr. F. E. Simpson.

Genito-Urinary Surgery.

Professor L. E. Schmidt.
Dr. J. G. Ross.
Dr. V. D. Lespinasse.
Dr. W. B. Huey.
Dr. F. B. Swift.

The Dispensary is in Davis Hall, which was constructed especially for an out-patient hospital, and contains accommodations as complete as any other institution of its kind in the country. Between twenty-three and twenty-five thousand patients are treated in this dispensary annually.

Small classes of students are trained by the physicians in charge of the respective departments, in the details of physical diagnosis. A record of the attendance of each student at these

clinics is preserved and is used in estimating his clinical record.

For dispensary courses, see the several departments of instruction.

CHICAGO LYING-IN HOSPITAL AND DISPENSARY.

The course of instruction offered by this institution is both clinical and didactic. Each senior student of this Medical School is required to take a course of two weeks' duration, which affords him an opportunity personally to conduct from six to ten labors, under the supervision of the resident staff. He is also required to give personal attention to the mother and child during the puerperium.

The fee for the course is fifteen dollars, which is payable in advance to the Chicago Lying-in Hospital.

The work is both in- and out-door, students caring for cases in the Hospital at 294 Ashland Boulevard, and in the Dispensary service, which is carried on from 298 Maxwell Street. The Dispensary is situated in the most thickly populated district of Chicago, and its work is done in the homes of the patients.

Over 1,100 patients are confined in this service yearly—150 in the Hospital and 950 in the Dispensary. Only students from the Northwestern University Medical School are permitted to take this service, students from other medical schools in Chicago not being eligible.

COOK COUNTY HOSPITAL.

This hospital is situated at the corner of Wood and Harrison Streets. The daily average number of patients is between nine hundred and a thousand.

The Cook County Hospital, being a public institution, is open to all medical schools for clinical instruction. A number of medical schools have been located in its vicinity, and the number of students attending clinics at this hospital aggregates about two thousand, there frequently being three hundred at one clinic.

The representatives of the Faculty of Northwestern University Medical School on the Cook County Hospital Staff are:

In Medicine—Professors Mix, Preble, and Dr. W. S. Harpole.

In Children's Diseases—Professor F. X. Walls.

In Nervous and Mental Diseases—Professor Julius Grinker.

In Obstetrics—Professor Reed.

In Surgery—Professor Andrews, Schroeder, and Dr. F. A. Besley.

In Ear, Nose, and Throat—Professor Allport and Dr. Marquis.

The Cook County Hospital Clinics by members of this faculty are given every Friday from 9 A.M. until 4 P.M. to the students in the Junior Class. The annual ticket is five dollars.

HOSPITAL APPOINTMENTS.

There are four interneships at Wesley Hospital each year, twelve at Mercy Hospital, four at St. Luke's Hospital, twenty-seven at Cook County Hospital, five at Alexian Brothers' Hospital, three at the Michael Reese Hospital, two at St. Elizabeth's Hospital, two at Chicago Hospital, two at Provident Hospital, one at the Passavant Hospital, one at the Chicago Policlinic, one at the Postgraduate Medical School, and six at the Chicago Lying-in Hospital. For hospital appointments secured in 1905 see page 417.

For further information relating to the Medical School, address the Secretary of the Northwestern University Medical School, 2431 Dearborn Street, Chicago, Illinois.

THE LAW SCHOOL

CHICAGO.

FACULTY.*

JOHN HENRY WIGMORE, A.M., LL.B., *Dean, Professor of Law.*

†HARVEY BOSTWICK HURD, LL.D., *Professor Emeritus of Law.*

CHARLES CHENEY HYDE, A.M., LL.B., *Associate Professor of Law.*

ALBERT MARTIN KALES, A.B., LL.B., *Associate Professor of Law.*

SAMUEL ADAMS, A.B., LL.B., *Professor in the Law of Procedure and Practice.*

JOHN HENRY SHELDON LEE, A.B., LL.B., *Professor in the Law of Crimes and Criminal Procedure.*

CHARLES GEORGE LITTLE, B.S., LL.B., *Associate Professor of Law.*

HENRY SCHOFIELD, A.M., LL.B., *Professor of Law.*

LOUIS MAY GREELEY, A.B., *Professor in the Law of Conveyancing, Mortgages, Carriers, and Commercial Paper.*

LEVI HARPER FULLER, B.S., LL.B., *Professor in the Law of Procedure and Practice.*

FREDERIC CAMPBELL WOODWARD, A.M., LL.M., *Professor of Law.*

CHARLES CLARENCE LINTHICUM, LL.B., *Professor in the Law of Patents.*

MITCHELL DAVIS FOLLANSBEE, A.B., LL.B., *Professor in the Law of Procedure and Practice, Lecturer on Legal Ethics.*

CHARLES BYRD ELDER, LL.B., *Instructor in the Law of Extraordinary Legal Remedies and Judgments.*

HENRY CLAY HALL, B.S., LL.B., *Instructor in the Law of Insurance.*

EBENEZER WASHINGTON ENGSTROM, A.B., *Lecturer on Voice Training and Forensics.*

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*With the exception of the Dean, arranged in each group in the order of seniority of appointment.

†Deceased.

HENRY LEE PRESCOTT, A.B., LL.B., *Lecturer on Forensics.*

JOSEPH THOMAS ROBERT, *Lecturer on Parliamentary Law.*

CHARLES ERNEST PICKARD, A.B., *Lecturer on Trade-Mark and Copyright.*

CHARLES YOE FREEMAN, A.B., LL.B., *Lecturer on Corporation Practice.*

HERBERT JACOB FRIEDMAN, A.B., LL.B., *Lecturer on Liens.*

DWIGHT ST. JOHN BOBB, A.M., LL.B., *Lecturer on Public Service Corporations.*

JOSEPH IGNATIUS KELLY, PH.D., C.E., LL.B., *Lecturer on Roman Law.*

JOHN MAXCY ZANE, A.B., *Lecturer on Legal History and Biography.*

ALFRED WILLIAM BAYS, A.B., LL.B., *Lecturer on General Practice.*

FREDERIC BEERS CROSSLEY, LL.B., *Secretary of the School and of the Faculty.*

LOCATION.

The Law School is in the Northwestern University Building, on the southeast corner of Dearborn and Lake Streets, Chicago, within a short distance from all State and Federal Courts. It occupies the entire third floor of the building, having a floor space of about twenty-three thousand square feet, approximately the equivalent of a three-story building seventy-five feet by one hundred feet in dimensions. The quarters are commodious and handsomely equipped, and include two lecture rooms, a court room, an alumni room, a students' assembly room, several private studies for the school law clubs and for similar purposes, the usual office rooms and professors' rooms, and a library and reading room occupying five thousand square feet of floor space. A description of Northwestern University Building will be found on page 60.

FOUNDING AND PURPOSE OF THE LAW SCHOOL.

The Law School was founded in 1859, there being at the time but three similar schools west of the Allegheny Mountains. For many years it was known as the Union College of Law, and was under the joint control of the old University of Chicago and Northwestern University, but upon being taken over wholly by Northwestern University in 1891 it assumed its present name.

The School offers to students coming from all parts of the country a thorough training in the various subjects of the law. The course of study is arranged so as to give students that knowledge of the law which will be indispensable to them wherever they may practice. Special opportunities, however, are afforded for acquiring a knowledge of the law of Illinois, the peculiarities of which are pointed out in every course.

REQUIREMENTS FOR ADMISSION.

Applicants for admission to the Law School as regular students must meet the following requirements:

1. They must be not less than eighteen years of age.

*2. They must present evidence of a preliminary general education equivalent to that of a graduate of a high school in Illinois.

*3. Where the applicant does not possess a diploma showing graduation from an approved high school, certificates showing the completion of satisfactory courses in the following subjects will be accepted for admission:

Algebra, geometry, ancient history, physiology, rhetoric, physics, and physical geography, each one year; botany and bookkeeping, one year; mediæval and modern history, with special reference to English and American history, one year; English and American literature, one year; and English composition, one year.

In case the applicant has failed to complete any one or more of the studies enumerated above, he may substitute for it an

equivalent amount of any science or any ancient or modern language, Latin being especially recommended. This does not apply, however, to English and American history or literature, for which subjects no substitutes will be accepted.

4. A certificate showing that the applicant has passed the examinations for admission as a regular student to the College of Liberal Arts of this University, or to any college in good standing, will be accepted as sufficient proof of the required preliminary education.

*Commencing September 1, 1907, the requirement will be changed as follows: All candidates for a degree shall at the time of their admission to the school present proof of the completion of a four years' high school course, or such an equivalent as would be accepted for admission to the College of Liberal Arts of this University.

Students are advised, whenever it is possible, to pursue at least a partial college course before commencing the study of law. Nearly forty per cent of the students in the law school hold academic degrees, and about seventy-five per cent of the total number have spent one or more years in college before entering the law school.

TIME FOR ENTRANCE.

Unless coming from another law school, no applicant will be admitted to the first-year class after the second week in January, and all students are strongly urged to enter at the beginning of the year. The disadvantages of late registration are especially embarrassing to students who intend to practice law in Illinois.

ADMISSION TO ADVANCED STANDING.

The regulations affecting admission to advanced standing are given under the requirements for degrees on page 259.

ADMISSION AS SPECIAL STUDENTS.

Persons not desiring to become candidates for a degree may pursue one or more courses as special students, provided they are qualified to pursue such courses to advantage. They will receive a certificate of all work done. and may at any time enter as candidates for a degree, provided they are qualified under the above requirements. No special student may take more than twenty-five term-hours of work in one year without special permission from the Dean.

COMBINED COURSES.

The conditions on which a student may combine a course in the College of Liberal Arts with a course in Law, and receive both degrees in six years, are stated on page 159.

COURSES OF INSTRUCTION.

First Year—First Term.

Contracts—Keener's Cases on Contracts. Three hours a week.

Professor WOODWARD.

Torts—Ames's and Smith's Cases on Torts. Three hours a week.

Professor WIGMORE.

Property (I)—Gray's Cases on Property, Vols. I, II. (Personal property; tenures and estates in real property; fixtures, profits, easements, covenants, running with land, rents.) Two hours a week.

Professor KALES.

Common Law Pleading and Procedure—Ames's Cases on Pleading; Martin's Civil Procedure. Two hours a week.

Professor ADAMS.

Crimes and Criminal Procedure—Beale's Cases on Criminal Law. Two hours a week.

Professor LEE.

First Year—Second Term.

Contracts (continued)—Three hours a week.
Professor WOODWARD.

Torts (continued)—Two hours a week.
Professor WIGMORE.

Property (I) (continued)—Two hours a week.
Professor KALES.

Common Law Pleading and Procedure (continued)—Lectures and practical exercises. One hour a week.
Professor ADAMS.

Master and Servant in Tort—Wambaugh's Cases on Agency. One hour a week.
Professor WIGMORE.

Damages—Beale's Cases on Damages. One hour a week.
Professor SCHOFIELD.

Second Year—First Term.

Evidence—Wigmore's Cases on Evidence. Two hours a week.
Professor WIGMORE.

Trusts—Ames's Cases on Trusts. Three hours a week.
Professor WOODWARD.

Agency—Wambaugh's Cases on Agency. Two hours a week.
Professor LITTLE.

Commercial Paper—Ames's Cases on Bills and Notes. Three hours a week.
Professor GREELEY.

Equity Jurisdiction—Ames's Cases on Equity Jurisdiction. Three hours a week.
Professor SCHOFIELD.

Property (II)—Gray's Cases on Property, Vols. III, IV. (Acquisition of real property inter vivos, including deeds, covenants, etc.; devolution of property at death, including descent, wills, administration, etc.) Two hours a week.
Professor KALES.

Persons (Domestic Relations)—Smith's Cases on Persons. Two hours a week.
Professor KALES.

Second Year—Second Term.

Evidence (continued)—Two hours a week.
Professor WIGMORE.

Property (II) (continued)—Two hours a week.
Professor KALES.

Equity Jurisdiction (continued)—Ames's Cases on Equity Jurisdiction. Three hours a week.
Professor SCHOFIELD.

Quasi-Contracts—Keeners's Cases on Quasi-Contracts. Three hours a week. [Given in 1906-07, and in alternate years.]
Professor WOODWARD.

Sales of Personalty—Williston's Cases on Sales. Three hours a week. [Given in 1905-06, and in alternate years.]
Professor WOODWARD.

Insurance (Fire and Life)—Wambaugh's Cases on Insurance. Two hours a week.
Mr. HALL.

Equity Pleading and Procedure—Thompson's Cases on Equity Pleading; and practical exercises. Two hours a week.
Professor ADAMS.

Public Service Corporations—(Railroad, Gas, Telegraph, Water, Warehouse, and similar services.) One hour a week. Beale's and Wyman's Cases on Public Service Corporations.
Mr. BOBB.

Liens—One hour a week. Selected cases.
Mr. FRIEDMAN.

Third Year—First Term.

Corporations—Smith's Cases on Corporations. Two hours a week.
Professor LITTLE.

Procedure and Practice in Illinois—Two hours a week.
Professor FOLLANSBEE.

International Law (I)—Scott's Cases on International Law. Two hours a week.
Professor HYDE.

International Law (II)—American Treaties and Diplomacy; topics for research. Two hours a week.
Professor HYDE.

Suretyship—Ames's Cases on Suretyship. Two hours a week.

Professor LITTLE.

Judgments and Auxiliary Legal Remedies (Attachments, Garnishment, Execution, etc.)—Rood's Cases on Attachments and Judgments. One hour a week.

Mr. ELDER.

Constitutional Law—Thayer's Cases on Constitutional Law. Three hours a week.

Professor SCHOFIELD.

Property (III)—Gray's Cases on Property, Vols. V, VI. (Conditional and future interests; restraints on alienation; fraudulent transfers; registration of deeds; conversion and election; joint ownership; curtesy and dower; homestead.) Two hours a week.

Professor KALES.

Conveyancing—Drafting exercises, study of selected abstracts, and lectures on practice. One hour a week.

Professor GREELEY.

Conflict of Laws—Beale's Cases on Conflict of Laws. Three hours a week.

Professor HYDE.

Code Pleading and Procedure—Cases on Code Pleading. One hour a week.

Professor WOODWARD.

Roman Law—One hour a week. Kelly's Select Letters from Justinian's Pandects.

Mr. KELLY.

Practice Court—Causes prepared and conducted through all details of litigation, by students as attorneys and counselors, under the direction of a professor as judge. Two hours a week, at a single session.

Professor FULLER.

Patents of Invention:

(I)—General Survey. Five lectures.

Professor LINTHICUM.

(II)—Patent Soliciting. Twenty lectures, with practical exercises.

Professor DYRENFORTH.

(III)—Patent Law and Practice. Forty lectures.

Professor BARNETT.

Parts II and III will not be given, unless at least twenty special students apply for them before October 15.

These three form a single course. Part I is open to all students; Parts II and III are open to students of the second and third years, and to special students, but cannot be taken separately. The number of lectures is equivalent to two hours a week through the year, and work in the course will be credited as four term hours.

Third Year—Second Term.

Corporations (continued)—Two hours a week.
Professor LITTLE.

Corporation Practice—(Exercises in conducting corporate legal business, drafting instruments, etc.) One hour a week.
Mr. FREEMAN.

Bankruptcy—Williston's Cases on Bankruptcy. Two hours a week.
Professor WOODWARD.

Constitutional Law (continued)—Two hours a week.
Professor SCHOFIELD.

Carriers—McClain's Cases on Carriers. Two hours a week.
Professor GREELEY.

Conveyancing (continued)—One hour a week.
Professor GREELEY.

Mortgages—Kirchwey's Cases on Mortgages. Two hours a week.
Professor GREELEY.

Public Officers—One hour a week. [Given in 1905-06, and in alternate years.]
Professor SCHOFIELD.

Practice Court (continued)—Two hours a week, at a single session.
Professor FULLER.

Property (III) (continued)—Two hours a week.
Professor KALES.

Municipal Corporations—Smith's Cases on Municipal Corporations. One hour a week.
Professor SCHOFIELD.

Partnership—Ames's Cases on Partnership. Two hours a week.
Professor LITTLE.

Extraordinary Legal Remedies (Mandamus, Quo Warranto, Habeas Corpus, etc.)—One hour a week.

Mr. ELDER.

Jurisdiction of Federal Courts—One hour a week.

Professor SCHOFIELD.

The total number of term hours offered in this curriculum is one hundred and five, the equivalent of nearly fifty-three hours a week through the year.

The courses being graded as carefully as possible between the three year-groups, no first-year student may take courses in the second or third year-groups without special permission; and no second year student may take courses in the third year-group (except Constitutional Law and Patents of Invention) without special permission. A third-year student taking the courses of Conveyancing and Property III must already have taken the courses of Property I and II.

Any regular student may take any course offered in the group of the year for which he is entered, or any course not already taken by him in a preceding year.

COURSES OF LECTURES NOT COUNTING TOWARD A DEGREE.

Trade-Marks and Copyrights—Six lectures.

MR. PICKARD.

General Review—Given twice, in September and April, prior to the State examination for admission to the bar. Five hours a week for a month.

MR. BAYS.

Legal Ethics—Five lectures.

Professor FOLLANSBEE.

SPECIAL TRAINING IN LEGAL WRITING AND SPEAKING AND IN THE PRACTICE OF THE LAW.

In addition to the systematic instruction in the body of the law, as represented in the foregoing curriculum, an effort is made to provide adequate training in the practical use of legal knowledge and discipline, as well as in certain important details of legal writing and speaking, which help materially to equip the accomplished lawyer. The various branches of work directed to this end are as follows:

1. *Pleadings and Other Instruments*—In the courses on Common Law Pleading, Code Pleading, and Equity Pleading, in addi-

tion to the systematic course of study, the student is given exercises in the drafting of the various kinds of pleadings. In Corporations, the class is formed, during the second term, into two corporations, which organize, elect officers, issue stock, enlarge capital, keep books, consolidate, and do various other acts of corporate business which call for the drafting of instruments and otherwise familiarize the student with the modes of using the legal knowledge acquired. In the other courses, particular attention is paid to the study of forms of instruments in common use.

2. *Conveyancing*—In the course of conveyancing the chief material of the work consists in a series of selected abstracts of title, some fifteen in all, representing the greatest variety of documents and proceedings involving property rights. A separate copy of each abstract is placed in the hands of every member of the class, and a detailed study is made of the various matters of form and substance from the conveyancer's point of view, and with regard to the laws of the different States. Thorough work in this course ought to equip the student as a practical conveyancer at the time of his entering upon his profession. No one may take this course who has not already taken the courses Property I and II.

3. *Practice Court*—In the several courses of lectures on Procedure and Practice a systematic and detailed survey is taken of the rules of law. In the Practice Court an opportunity is given to the third-year students to become practically familiar with these rules by the personal application of them in litigation managed by the student himself. The Court's sessions are held weekly, on Thursday evenings, for two hours. During each session from one to three cases are tried, with and without a jury; and other cases are disposed of in various aspects. In the meantime, between the sessions, numbers of causes are being prepared and advanced from stage to stage by the student-attorneys in charge. While the proceedings are dispatched, at the hearings, by the respective attorneys, all other member of the class are required to attend and make notes and reports of the work being done, so that each one obtains some benefit also from what is done in his presence by others. A faithful observance of the work of this course ought to give the graduate such an experience in using his legal knowledge as will assist him materially to start in his profession with greater readiness and practical facility. The systematic pursuit

of such work under an experienced instructor obtains for the student the same results as a period of desultory service in a law office, and is more economical in time and more thorough and accurate in quality. A copy of the printed Rules of the Practice Court will be mailed to any one upon request.

4. *Legal Tactics*—On every Monday evening until April, an address is given, by some well-known member of the Bar, upon some topic of practice in which he has had special experience, and in which the communication of personal experience is of special value as a guide to others. This course has been of particular value to young practitioners already at the Bar and is repeated year by year with numerous variations of topics and of speakers. A list of the addresses for each year is printed in the August *Bulletin* of the School.

5. *Thesis*—It is the desire of the Faculty to encourage original research by students. Any member of the third-year class may therefore obtain credit to an amount not exceeding two term hours by presenting a satisfactory thesis upon some legal topic approved by a member of the Faculty before December 1st. The thesis must be presented on or before May 15th of the year in which the student expects to graduate; it must be printed on the typewriter or otherwise, and is to be kept permanently in the school. The work should be begun not later than December.

6. *Legal Forensics*—The function of a lawyer, as the persuasive adviser and leader of men, needs for its development some training in oral argument and debate, use of the voice, conduct of meetings, and the like. A course of training in Forensic Writing and Speaking is offered in this school and the work of the course is required for graduation. Persons entering the school with advanced standing who have not taken equivalent work elsewhere are subject to the remaining requirements, applicable to the class which they enter, except that a candidate for a degree in one year may be exempted from specified parts of the work, or may be required to substitute the second year for the third year work.

Credit of one term-hour is given for work done, and the course is as follows:

First Year.

a. Parliamentary Practice; November; (1) Elementary course, followed by examination; (2) advanced course, followed by an examination or thesis; this to be open only to not more

than twenty students passing the best examination in the elementary course, and not to be a required part of the work.

b. Voice Training; October and November; exercises in sections of twelve or fifteen, once a week.

c. Legal Argumentation and Briefs; November to April, inclusive, once a week; not more than twenty lectures on Argumentation, accompanied by individual exercises in Brief-writing, subject to private correction and public criticism by the instructor.

d. Oral Forensics; May; the last two weeks before the final examinations; all first year regular lecture courses ceasing, the corresponding hours are to be occupied by Oral Forsenics in each course.

SECOND YEAR.

a. Moot Courts. For second year students a Moot Court is held every Friday from November 1 to May 1, the class being divided into two sections, A and B, each section to meet in alternate weeks. The work consists of the preparation and delivery of arguments and opinions of law on statements of facts assigned beforehand. Special regulations for the conduct of the court are found in the Bulletin of the Law School.

b. Public Debate. A student entering the preliminary contests for the Towle Prizes for Public Speaking who is selected for the second preliminary and takes part in this contest, may receive a credit of one term hour. No student shall be eligible for this contest who has not taken the work of the first year *a*, *b*, and *c*, or the equivalent in another School.

THIRD YEAR.

Legal Advice Clubs. All third year students enter Legal Advice Clubs, formed by voluntary selection on or before October 10, supplemented by assignments to vacancies by the Secretary of the School; each club contains not less than four nor more than six members. Difficult cases arising in actual practice, sent in for advice by alumni or other practitioners, will be submitted to the clubs in rotation as the cases come in.

Prescribed Course of Reading in Legal History, Biography, and Jurisprudence.

Course A. (First Year). Introduction to Legal History and the Study of the Law. Materials for prescribed reading:

(a) Blackstone's Commentaries (any edition); Introduction, Sections 1-4; Book I, Chapters 1, 2, 5, 9; Book III, Chapters 3, 4, 5, 6, 7; Book I, Chapters 11, 12; Book III, Chapters 17-19, 20-24, 25, 26, 27; Book IV, Chapters 19-24, 25, 27, 28, 29, 32; Book II, Chapters 4, 5; Book IV, Chapter 33.

(b) Woodruff's Introduction to the Study of Law.

(c) Wambaugh's Study of Cases.

Course B. (Second Year). *History of the Bench and Bar.* Materials for prescribed reading:

(a) Campbell's Lives of the Chancellors (beginning with the life of Lord Hardwicke), and (b) of the following biographies, any one of the English and any two of the American works: Campbell's Lives of the Chief Justices (beginning with Lord Holt); Arnould's Life of Lord Denman; Autobiography of Lord Campbell; O'Brien's Life of Lord Russell; Life and Letters of Joseph Story; Harvey's Reminiscences (or Lodge's Life) of Daniel Webster; Brown's Life (or Neilson's Memories) of Rufus Choate; Memoirs and Letters of James Kent; Memoirs of S. S. Prentiss; Caton's Bench and Bar of Illinois; Carson's History of the Federal Supreme Court; Magruder's Life of John Marshall.

Course BB. (Second Year; *Optional*). *History of the English Legal System.* Materials for reading: (a) Pollock and Maitland's History of the English Law, Volume 1; and (b) any one of the following works: Pollock and Maitland's History, Volume 2; Holmes's Common Law; Stephen's History of the Criminal Law; Selected Essays on Legal History (as contained in the list on file in the office of the School.)

Course C. (Third Year.) 1. *Jurisprudence.* Materials: any one work under each of the following two divisions: (a) Analytical Jurisprudence: Austin's Jurisprudence; Holland's Jurisprudence; Terry's Principles of Anglo-American Law. (b) Historical Jurisprudence: Maine's Ancient Law; Fustel de Coulange's Ancient City; Lee's Historical Jurisprudence; or

2. *International Law.* Materials as prescribed in the regular course of lectures, International Law 1; or

3. *Roman Law.* Materials: Any one of the following texts:

Gaius' Institutes, edited by Poste; Justinian's Institutes, edited and translated by Moyle; Selected Titles from Justinian's Pandects, edited and translated by Kelly (this being the text used in Mr. Kelly's course of lectures given in the school); or

4. *History of Germanic Law.* Materials: Any one of the following works: Heusler's Institutionen des deutschen Rechts; Brunner's Deutsche Rechtsgeschichte; Brissaud's Manuel d'histoire du droit francais.

Regulations for the foregoing work:

(1) For graduation, a credit of not less than Grade C, averaged for the whole three courses, must have been obtained in Course A, Course B, and Course C, 1, or 2, or 3, or 4.

(2) A credit of *one term hour* will be given on passing the examination in each one of the above courses of reading, as well as in the optional Course BB. A student may cumulate these credits, by passing in Course BB or Course C, 2, 3, or 4, or all, in addition to the required minimum of three courses prescribed under Rule 1, above.

(3) An examination will be held at the beginning of the first term of the year and at the end of the second term in all of the courses, and, for Course A, also at the end of the first term, but notice must be filed in the Secretary's Office at least two days before the announced date of examination by each student intending to take it.

(4) Students are urged to do the required reading *during the summer vacation*, and thus avoid carrying the work in connection with the regular curriculum.

A student failing at any examination may take the next regular examination, if he has reviewed the work.

A student may take any of these examinations at any time after entering the School, no matter to what class he belongs.

A student entering with *advanced standing* need not take Course A.

(5) A student who, at a college or a Law School, has *already obtained credit* for work equivalent to Course C, 1, 2, 3, or 4, will be given credit for that Course as required in this School; but may also obtain credit by doing the work of any remaining Courses not elsewhere taken.

(6) No lectures are given in any of these Courses (except C, 2 and 4, the lecture courses of International Law and Roman Law). The work is done by private study, but the courses are

under the supervision of the Dean, who will give any desired advice on the subjects of study.

(7) The credit in any of the Courses C will count as one of the required ten term hours of the third year.

(8) Students are recommended to own the books named, if they can afford to purchase them. But the School will provide a sufficient number of duplicate copies of the books named for the prescribed reading.

(9) The requirement of the above Courses for graduation applies to students *entering the School after June 1, 1905*, and to no others.

THE LIBRARY.

The library is well equipped for study and research. It at present comprises the United States Reports, all of the official State Reports to the Reporter System and the official Reports of the leading states complete, the complete National Reporter System, the Lawyers' Reports Annotated, all of the official Illinois Reports in duplicate, statutes of all the States in the Union, a large collection of digests, encyclopedias and text-books; and, in addition, the Chicago Law Institute collection of works on Jurisprudence, Sociology, and Legal Biography, consisting of some 4.000 volumes, is stored in the School's Library. Of the English Reports it possesses the complete Law Reports since 1865, substantially all the remaining Reports since the beginning of the Year Books (except those appearing in law journals), and the complete Statutes. It has also begun a collection of early historical legal literature, which is planned to include all such material not now elsewhere accessible in the libraries of the West. The Gary Collection of Treatises, Reports, and Statutes of Continental Law, now installed, includes the jurisprudence of the twenty-one European countries, as contained in statutes, decisions, journals, and treatises, and is not paralleled in scope by any other collection in the United States. As a source of investigation

for Continental Law it will provide facilities hitherto wholly unavailable.

GRADES OF SCHOLARSHIP AND RECORD.

Four grades of record are given for work done. These are as follows: A, excellent; B, satisfactory; C, unsatisfactory; D, failure. A student may not count, toward meeting the requirements for a degree, a course in which he obtains grade C, except he obtain grade A in another course or courses of equivalent amount; and except that he may count courses in which he obtains grade C to the extent of one-sixth of the total work required for a degree.

SCHEDULE OF HOURS.

The schedule of hours is so arranged that the courses are given in general as follows:

First year courses, between two and five o'clock in the afternoon; second year courses, between nine and twelve o'clock in the morning; third year courses, between three and seven o'clock in the afternoon. The Practice Court is held in the evening at half past seven.

PRIZES.

1. *The Towle Prizes.*—A first prize of one hundred dollars, and a second prize of fifty dollars, the gift of Henry Sargent Towle, Esq., Chairman of the Law School Committee of the Board of Trustees, will be awarded to the students who have taken the course in Forensic Writing and Speaking (first year a, b, c, and d), who shall, in public competition at the completion of the course, be adjudged most proficient in the work of the course.

2. *The Callaghan Prize.*—A prize of fifty dollars in books, to be selected from their own publications, the gift of Messrs. Callaghan and Company, of Chicago, will be awarded annually to the member of the graduating class having the best record in scholarship for the entire course.

REQUIREMENTS FOR DEGREES.

Bachelor of Laws.

The following are the requirements for the degree of Bachelor of Laws:

1. Candidates for the degree of Bachelor of Laws must be recommended for that degree by the Faculty of the Law School. Only candidates of good moral character, who have fulfilled all the requirements, will be recommended.

2. Candidates must have been in regular attendance at this Law School for three years, except that (a) Students who have studied law for one year, either in a college, or in a law school, may obtain a degree in two years; (b) Students who have satisfactorily completed two years' study in a law school of good standing may obtain a degree in one year; and (c) Students who have satisfactorily completed one year's study in a law school of good standing, and who have also studied law for one year either in a college or a law school, may become candidates for a degree in one year by obtaining special permission from the Dean.

3. Candidates for a degree must register for work amounting to at least eleven hours a week for each year, except in the third year, when at least ten hours a week is required.

4. All candidates for a degree must pass examinations in courses of study amounting to sixty-six term-hours (the equivalent of eleven hours a week for three years); provided that in reckoning the required number of term-hours for graduation, there must be included at least ten hours of work in each term of the third year.

Persons who have satisfactorily completed a two-years' course of study in a law school in good standing will be excused from one-half of the examinations above required.

Persons who have satisfactorily completed less than two years' study of law in a college or law school in good standing, may be given credit for this work and be excused from these examinations to such extent as shall be determined in each case by the Dean. The specific subjects in which such credit may be given will be stated by the Secretary at the time of admission.

Master's Degree in Arts or Sciences.

A graduate of the College of Liberal Arts of this University, or of some other in which the requirements for the Bachelor's degrees are equivalent to the requirements for the same degree at this University, may obtain the Master's degree at the same time as the degree of Bachelor of Laws by pursuing advanced work in subjects approved by the Faculty of the College of Liberal Arts, and obtaining credit therefor to the amount of twelve semester-hours, and presenting a satisfactory thesis on an approved topic.

The courses of study may, in whole or in part, deal with legal subjects; but courses of legal study, in order to count for the degree, must be (a) of an advanced nature; (b) not counted for the degree of Bachelor of Laws; (c) pursued under the direction of a member of the Faculty of the Law School.

Students in law, intending to become candidates for the Master's degree, must register for the same in the College of Liberal Arts and in the Law School on or before the first Monday in October of the year in which they expect to graduate, and must pay the diploma fee of ten dollars. The Master's degree is open upon the same terms to graduates of the Law School who register before the October next following the completion of their professional course.

The following subjects have been approved by the Faculty of Liberal Arts, and work therein may be counted for the Master's degree: Constitutional Law, International Law, Administrative Law, Roman Law, Jurisprudence, Legal History.

SCHOLARSHIPS.

Eight scholarships of the annual value of one hundred dollars are assigned each year to worthy candidates. The holders are held responsible for certain duties in the library or offices of the school, under the direction of the faculty. Applications for appointment should be addressed to the Secretary of the Law School.

FEES AND EXPENSES.

Matriculation Fee—In all cases of first registration a matriculation fee of five dollars is charged. This fee is paid but once and is not returnable under any circumstances.

Regular Students—The tuition fee for regular students is one hundred and five dollars a year.

This fee is payable in three installments of thirty-five dollars each, October 1st, January 10th, and April 1st. A rebate of five dollars is allowed to students who pay the entire tuition in advance on October 1st.

Special Students—Special students are charged at the rate of five dollars for each hour of class-room work for a half year. The fee for the course in Patent Law is twenty-five dollars; for the course in General Review the fee is ten dollars to members or graduates of this School, to all others, fifteen dollars.

To students entering the Law School for the first time in September, 1907, the tuition fee for regular students will be one hundred and twenty-five dollars, and for special students the tuition fee will be six dollars for each hour of class room work for a half-year.

Graduation Fee—A fee of ten dollars is charged all persons taking the degree of Bachelor of Laws.

Refunds—No refund of tuition fees can be made except in cases of serious illness. In that event, tuition fees paid in excess of those for the half-semester on which the student has entered will be refunded on the certificate of the Dean that the student is in good standing, and of a physician that he is unable to remain in attendance.

All fees should be paid in currency or in Chicago exchange.

For further information concerning the Law School, address Northwestern University Law School, Lake and Dearborn Streets, Chicago.

THE SCHOOL OF PHARMACY.

CHICAGO.

FACULTY.

OSCAR OLDBERG, PHARM. D., *Dean, Professor of Pharmacy.*

WILLIAM EDWARD QUINE, M.D., *Professor Emeritus of Physiology. Therapeutics, and Toxicology.*

HARRY MANN GORDIN, PH.D., *Professor of Chemistry.*

RAYMOND HAINES POND, PH.D., *Professor of Botany, Pharmacognosy, and Bacteriology.*

MAURICE ASHBEL MINER, PHARM. M., *Curator, Assistant Professor of Pharmacy.*

CHARLES WAGGENER PATTERSON, B.S., PH.C., *Registrar, Assistant Professor of Analytical Pharmaceutical Chemistry.*

*HARRY KAHN, PHARM. M., M.D., *Assistant Professor of Physiology and Materia Medica.*

DAVID CHARLES ECCLES, B.S., A.M., *Secretary, Assistant Professor of Chemistry.*

HENRY BASCOM THOMAS, M.D., *Lecturer on Physiology and Materia Medica.*

GUSTAVE ERNST FREDERICK LUNDELL, B.S., *Instructor in Chemistry.*

GERHARD H. JENSEN, B.S., *Instructor in Botany and Pharmacognosy.*

GEORGE DANIEL OGLESBY, PH.G., *Instructor in Pharmacy.*

WILLIAM HENRY HARRISON, PH.C., *Assistant in Chemistry.*

CHARLES ROLAND CLOTHIER, PH.C., *Assistant in Pharmacy.*

ERNEST WOOLLETT, *Clerk, Tutor in Business Methods.*

CLARA ADELINA DAVIS, *Library Assistant.*

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*On leave of absence.

LOCATION AND EQUIPMENT.

The School of Pharmacy was established in 1886. Its rooms are in Northwestern University Building, at the corner of Lake and Dearborn Streets, Chicago, occupying the whole of the fourth floor and a part of the fifth floor of that building.

It is a member of the American Conference of Pharmaceutical Faculties, and its graduates are given recognition under the pharmacy laws of New York and Pennsylvania, the only States in which graduation from formally recognized schools of pharmacy is demanded by law as a prerequisite for license to practice pharmacy.

The twenty-one rooms occupied by the School include seven large laboratories, two lecture rooms, balance rooms, library and museum, and two students' rooms, all newly furnished. The laboratories are: the qualitative laboratory with accommodations for three classes of seventy students each; the quantitative laboratory accommodating three sections of thirty-six students each; the laboratory for botany, microscopy, and pharmacognosy, the capacity of which is sufficient for six sections of forty-eight students each; the manufacturing laboratory, where four sections of seventy students each are provided for; the laboratory for organic chemistry, having facilities for four sections of twenty-eight students each; the dispensing laboratory, in which six sections, each of from twenty-four to thirty-six students, may be taught; and the bacteriological laboratory, having accommodations for two sections, each consisting of twenty-four students.

The Museum contains over two thousand specimens of drugs and other plant substances of industrial importance.

The Library occupies two rooms with a floor space of six hundred and forty-three square feet. It contains nearly one thousand bound volumes, all of permanent value, in-

cluding complete sets of the Archiv der Pharmacie, the Proceedings of the American Pharmaceutical Association, and the British Pharmaceutical Journal. It also contains the Centralblatt from 1870 to date, and Berichte der Chemischen Gesellschaft from 1868 to date. It also contains, complete from 1893 to date, the Berichte der Pharmaceutischen Gesellschaft Zeitschrift für anorganische Chemie, Zeitschrift für analytische Chemie, the Journal of the London Chemical Society, the Archiv für Hygiene, Neuste Erfindungen und Erfahrungen, Pharmaceutische Centralhalle, Repertoire de Pharmacie, etc. Also the pharmacopœias of the world, and the dispensatories and commentaries on the pharmacopœias; dictionaries and encyclopœdias, general and special; pharmaceutical and technical formularies; the most valuable reference works upon chemistry, pharmacy, and other related subjects; all of the American pharmaceutical journals, etc.

REQUIREMENTS FOR ADMISSION.

All candidates for the degree of Graduate in Pharmacy must present evidence of having satisfactorily completed one year's work in a properly accredited high school, or its full educational equivalent.

Special students not candidates for graduation may be admitted by special action of the Faculty.

Candidates for the degree of Pharmaceutical Chemist or Master of Pharmacy must be graduates of high schools of the best grade or must possess a general education equivalent to that required for such graduation.

Students entering the school with but one year's high school work to their credit must be at least eighteen years of age; those having completed two or more years of high school work are admitted at an age of not less than seventeen years.

COURSES OF INSTRUCTION.

For the Degree of Graduate in Pharmacy.

Pharmacy. Materials, methods, and products of pharmacy. Pharmacy laws. The Pharmacopœia. Pharmaceutical nomenclature. The prescription and the art of dispensing. Lectures, text, and laboratory work.

Metrology. Principles. The Metric System. Weighing and measuring. Specific Weight. Determinations of mass and volume and their relations; study of the instruments employed.

Microscopy. Construction and use of the microscope.

Botany. Histology, organography, and taxonomy. Lectures and laboratory work.

Pharmacography, and the study of plant substances employed in the industrial arts. Lectures and laboratory work.

Inorganic Chemistry, general, theoretical, and descriptive. Lectures, text, and laboratory work.

Analytical Chemistry. Lectures, text, and laboratory work in qualitative and quantitative analysis.

Organic Chemistry. Lectures, text, and laboratory work.

Manufacturing. General principles. Materials and products. Methods. Lectures and laboratory work.

Human Anatomy and Physiology. Lectures and text.

Materia Medica, Therapeutics, and Toxicology. Lectures and text.

For the Degree of Pharmaceutical Chemist.

All of the work included in the course for the degree of Graduate in Pharmacy, and in addition:

Analytical Chemistry. Laboratory work in plant and drug analysis, sanitary food and water analysis, valuation of digestive preparations, examinations of fats, oils, soaps, etc.

Urine Analysis. Laboratory work.

Organic Chemistry. Lectures and text, including a special course on alkaloids, glucosides, etc.

PARTIAL COURSES.

A student may take one or more of the separate courses given in the school at proportional fees, and will receive full credit for all such work when satisfactorily done. This applies both to the didactic courses and to laboratory work. No student will be received into the school for a less period than one term.

ADVANCED CREDITS.

A student presenting proper evidence of having satisfactorily completed in an approved school one or more of the courses of study or laboratory work included in the curriculum of this school may receive such credit therefor as is consistent with the prescribed requirements.

Students of pharmacy who have completed the first year's work in any other pharmaceutical school may, at the discretion of the faculty, be admitted to the senior class in the course for the degree of Graduate in Pharmacy, but no student will be graduated who has not been in regular attendance at this school for one full year of thirty-six weeks, or two semesters of eighteen weeks each.

GRADUATION.

The courses for the degree of GRADUATE IN PHARMACY are so arranged that they may be completed in three terms of eighteen weeks each. The student may begin his study either in September or in February, and take the courses in proper logical sequence, graduating in February or in June at the end of the term in which his work shall have been satisfactorily completed.

The courses for the degree of PHARMACEUTICAL CHEMIST are arranged to occupy four terms, or two full years.

The degree of Master in Pharmacy requires three full years' work in the College of Liberal Arts and two years'

work in the School of Pharmacy. Students having completed the work of three full years of the course leading to the Bachelor's degree in the College of Liberal Arts, including all required subjects and the work for a major and a minor, may obtain the degree of Bachelor of Science upon the completion of the work of one year in the School of Pharmacy; and the degree of Master of Pharmacy follows upon the completion of all of the work for the degree of Pharmaceutical Chemist.

SESSIONS AND VACATIONS.

The School of Pharmacy is open about ten months in each year, that period being divided into two terms, or semesters, of eighteen weeks each and one summer term of seven weeks.

The Fall Term begins about the third week of September and ends early in February.

The Winter Term begins about the middle of February and ends about the middle of June.

The Summer School opens on the Monday immediately preceding the third Thursday in June.

FEES AND EXPENSES.

The matriculation fee, payable only once and before registration, is five dollars. It is not returnable.

The tuition fee, including drugs and chemicals consumed in the laboratories, is sixty-five dollars for each term of eighteen weeks.

A charge of two dollars is made for the use of microscopes, balances, and other apparatus and for their maintenance and replacement.

To cover the cost of apparatus lost, destroyed, or damaged, and damage to building, furniture, or other property,

wilfully or needlessly inflicted, each student is required to make a deposit of eight dollars before being assigned tables in the laboratories.

The diploma fee, payable not later than two weeks before graduation, is ten dollars.

All fees should be paid in currency or Chicago exchange.

BOARD AND ROOMS.

Board and rooms can be secured near the school at from four dollars to six dollars a week. Students may also secure rooms and board separately. Information in regard to these matters and addresses of reliable and satisfactory private boarding places and furnished rooms will be supplied at the college. Good accommodations are plentiful, and satisfactory arrangements can be quickly made by each student immediately upon his arrival. It is wholly unnecessary and rarely advantageous to secure board and room in advance.

The Young Men's Christian Association of Chicago has a department office in the building for the Northwestern University professional schools. The Association assists students in securing desirable boarding-places, and the Department Secretary will be glad to furnish information in regard to the work of the Association, and render whatever assistance he can to new students.

For further information address the Dean of the School of Pharmacy, Northwestern University Building, 87 Lake Street, Chicago, Ill.

THE DENTAL SCHOOL.

CHICAGO.

FACULTY.

GREENE VARDIMAN BLACK, M.D., D.D.S., Sc.D., LL.D., *Dean, Professor of Operative Dentistry, Pathology, and Bacteriology.*

THOMAS LEWIS GILMER, M.D., D.D.S., *Professor of Oral Surgery.*

ELGIN MAWHINNEY, D.D.S., *Professor of Special Pathology, Materia Medica, and Therapeutics.*

EDMUND NOYES, D.D.S., *Professor of Dental Jurisprudence and Ethics.*

JAMES HARRISON PROTHERO, D.D.S., *Professor of Prosthetic Technics, Prosthetic Dentistry, and Metallography.*

FREDERICK BOGUE NOYES, A.B., D.D.S., *Professor of Histology.*

TWING BROOKS WIGGIN, M.D., *Professor of Physiology and Pathology.*

VERNON JAMES HALL, PH.D., *Professor of Chemistry.*

GEORGE AMOS DORSEY, PH.D., *Professor of Comparative Anatomy.*

CHARLES LOUIS MIX, A.M., M.D., *Professor of Anatomy.*

IRA BENSON SELLERY, D.D.S., *Associate Professor of Orthodontia.*

ARTHUR DAVENPORT BLACK, B.S., M.D., D.D.S., *Assistant Professor of Operative Dentistry and Assistant in Oral Surgery.*

EUGENE SHAW WILLARD, D.D.S., *Assistant Professor of Operative Dentistry and Bacteriology.*

FRED WILLIAM GETHRO, D.D.S., *Assistant Professor of Operative Dentistry and Dental Anatomy.*

HERMAN DURAND PETERSON, M.D., *Lecturer on Anaesthesia and Assistant in Oral Surgery.*

CHARLES RUDOLPH EDWARD KOCH, D.D.S., *Lecturer on Dental Economics and Secretary of the School and of the Faculty.*

DEMONSTRATORS.

Charles Reeder Baker, D.D.S.
Dudley Dean Bayless, D.D.S.
James William Birkland, D.D.S.
Fred Hugh Brosnihan, D.D.S.
Charles Henry Converse, D.D.S.
Elijah Rockhold Crossley, B.S., M.D.
William Thomas Easton, D.D.S.
Frederick Franklin Garrison, M.D.
David Sweeney Hillis, M.D.
William Kocher, D.D.S.
Arthur Charles Lafount, D.D.S.
Andrew Vachel Louderback, M.S., D.D.S.
George Buchanan Macfarlane, D.D.S.
George Henry Maxwell, D.D.S.
Huston French Methven, D.D.S.
Wirt Allen Stevens, D.D.S.
Charles Abraham Street, D.D.S.
George Patterson Thompson, D.D.S.
Harry Isaac VanTuyl, B.S., M.D., D.D.S.
Benjamin Waldberg, D.D.S.
Harry Alexander Ware, M.D.
Charles Herman Lietzmann, D.D.S.

LOCATION AND EQUIPMENT.

The Dental School, located in Northwestern University Building at the corner of Lake and Dearborn Streets, Chicago, was founded and is maintained for the purpose of preparing young men and women in the most thorough manner for the practice of dentistry, and for the promotion of dental science and literature. No expense has been spared in its equipment or in the employment of an adequate faculty of skilled teachers, with a large force of demonstrators and assistants. The school occupies the three upper floors of the University Building, except that the chemical laboratories are on the second floor, and has over 60,000 square feet of floor space. This space is arranged especially for the purposes of teaching dentistry, and is supplied with modern equipment for that end.

The Clinic Room, sufficient in extent to accommodate the great clinic and the offices connected with it, is of the best design and construction, consisting of a single room with arched ceiling. It is on the sixth floor, with free light

on two sides and abundant skylight. It may be reached by elevators from the principal entrance on Lake Street and from a smaller entrance on Dearborn Street.

REQUIREMENTS FOR ADMISSION.

Persons desiring to enter this school must bring with them credentials signed by a city superintendent of schools, a principal of a high school, or a state superintendent of instruction or equivalent officer, or his deputy, which must show that the applicant has completed the curriculum of an accredited high school or its equivalent.

Persons not having these credentials will be admitted upon examination and approval of the State Superintendent of Public Instruction or his deputy.

This school will receive no student who is not present within ten days after the opening day of the session in each year, or in case of necessary delay, by reason of illness properly certified by the attending physician, within twenty days after the opening day.

Students matriculating agree thereby to accept the discipline imposed by the faculty.

It is desirable that students should register early, since the order of assignment of seats in the lecture halls is based upon the order of time of registration.

ADMISSION TO ADVANCED STANDING.

Students who present certificates of having taken courses in other recognized schools which cover subjects required in this school will be accredited with such studies if satisfactory to the professors in the respective departments. Graduates in medicine will be credited with one year of time.

Students coming from high schools and colleges, who wish credit for courses parallel to courses required in this

school, should bring credentials showing specifically the time spent on these subjects and should present their note books of work done.

METHODS OF INSTRUCTION.

The studies of the whole course are grouped into departments, the work of each department being graded from the more general and fundamental to the more specialized and advanced.

The work in the several departments is planned with reference to that done in other departments, and the greatest care is taken that the whole shall be so correlated that the student in taking up a new subject will find himself prepared by work done in other departments.

SCHEDULE OF COURSES.

First Year.

I. Anatomy, a, b, c, d.
II. Physiology, a, b, c, d.
III. Histology, a, b, c.
V. Chemistry, a, b, c, d.
VIII. Prosthetic Dentistry,
(Technic Course), a, b, c, d, e.
X. Operative Dentistry,
(Dental Anatomy and Technic Courses), a, b, c, d, e, f, g, h.

Second Year.

I. Anatomy, e, f, g.
II. Physiology, e, f.
III. Histology, d, e, f, g.
IV. General Pathology, a, b.
V. Chemistry, e, f, g, h.
VI. Comparative Anatomy, a.
VII. Materia Medica and Therapeutics, a, b, c.
VIII. Prosthetic Dentistry, f, g, h, i.
X. Operative Dentistry, i, j.

Third Year.

VIII. Prosthetic Dentistry, j, k, l.
IX. Orthodontia, a, b, c.
X. Operative Dentistry, k, l, m, n, o, p.
XI. Special Pathology and Therapeutics, a, b, c, d, e.
XII. Oral Surgery, a, b, c, d, e, f, g, h, i.
XIII. Dental Ethics and Jurisprudence, a, b.

DEPARTMENTS OF INSTRUCTION.

The student is expected to take the courses in the order enumerated, though some deviation from this rule may be allowed in certain cases approved by the Faculty.

I. Department of Anatomy.

The equipment of the Department of Anatomy is very complete and is entirely new. The large Anatomical Laboratory, located on the top floor of the building, is beautifully lighted on the east and south sides by numerous windows, and in the center of the room by a large skylight, and the ventilation is perfect. The Laboratory is equipped with thirty-six dissecting tables of the latest pattern, entirely of metal, except the plate-glass tops. Skeletons are provided for the use of the students, and by the payment of a small deposit bones may be taken from the building for home study.

First Year.

(a) Introductory course in Visceral Anatomy.
Two lectures and demonstrations a week. One-third of a Semester.
Professor Mix.

(b) Human Dissections.
Two three-hour periods a week through the year.
Professor Mix, Dr. Van Tuyl, Dr. Crossley, and assistants.

(c) Anatomy of the Extremities.
Two lectures a week through the year.
Professor Mix.

(d) Recitations on lectures and dissections.
Two hours a week through the year.
Dr. VAN TUYL and assistants.

Second Year.

(e) Anatomy of the Head and Neck.
Two lectures a week through the year.
Professor MIX.

(f) Human Dissections.
Two three-hour periods a week. First Semester.
Professor MIX, Dr. VAN TUYL, Dr. CROSSLEY, and assistants.

(g) Recitations on dissections.
Two hours a week through the year.
Dr. VAN TUYL.

II. Department of Physiology.

The work in Physiology includes a course of two lectures a week and text-book study with quizzes in the freshman year. In the junior year the subject is continued in one lecture a week, devoted mainly to the brain, nervous system, and the functions of reproduction.

First Year.

(a) General Physiology. The structure of the elementary tissues. The chemical composition of the body The blood. The circulation of the blood.
Two lectures a week. First Semester.
Professor WIGGIN.

(b) Quiz and class work in sections.
Two hours a week. First Semester.

(c) Respiration. Secretion. Food digestion. Metabolism. Nutrition and diet. Animal heat. Excretion. Muscle. Nerve Physiology. Production of voice.
Two lectures a week. Second Semester.
Professor WIGGIN.

(d) Quiz class work in two sections.
Two hours a week. Second Semester.

Second Year.

(e) The central nervous system. Brain. Spinal cord. Reproductive organs. Development. Lectures and Recitations.
One hour a week through the year.
Professor WIGGIN.

(f) Quiz class work in sections.
Two hours a week through the year.

III. Department of Histology.

This department is provided with a large student's laboratory, fitted with seventy-one hardwood student's desks, each furnished with reagents, lockers, compound microscope with lenses and condensers, electric lights for dark days, and all of the conveniences for preparation work and microscopic study. It is also provided with a stereopticon and projecting microscope for demonstration purposes. In addition to this large laboratory, there is an adjoining professor's study and a well appointed preparation laboratory.

In the laboratory work the classes are usually divided into sections of not more than fifty students. This work has been greatly aided by a very large collection of lantern slides from photo-micrographs and framed photographic prints; a large histological museum containing sets of microscopic slides sufficient in number on any given subject for a full section, not only of all the ordinary soft tissues, but also of the peridental membranes, dental pulp, periosteum, and ground sections of the teeth. These are used by the classes for purposes of study in addition to the sections the students stain and mount for themselves.

First Year.

(a) Construction and use of the microscope, a study of cell structure and functions, studies of the elementary tissues, histology of the organs; circulatory, lymphatic, alimentary tract, and accessory glands, respiratory system, urinary organs, and skin.

One lecture a week through the year.
Professor F. B. NOYES.

(b) Laboratory course covering the subjects of the lecture course (a).
Two three-hour periods a week through the year.
Professor F. B. NOYES, Dr. LOUDERBACK, and assistants.

(c) Quizzes and recitations.
One hour a week through the year.
Dr. LOUDERBACK.

Second Year.

(d) The Dental Tissues. Enamel. The Peridental Membranes. Periosteum. Bone. Mucous membranes and other soft tissues of the mouth.
One lecture a week. Two-thirds of a Semester.
Professor F. B. NOYES.

(e) A short course in Embryology.
One lecture a week. One-third of a Semester.
Professor F. B. NOYES.

(f) Laboratory course covering the subjects of lecture courses (d) and (e).
Two three-hour periods a week through the year.
Professor F. B. NOYES, Dr. LOUDERBACK, and assistants.

(g) Quizzes and recitations.
One hour a week through the year.
Dr. LOUDERBACK.

IV. Department of General Pathology.

This course, while essential to the student's understanding of general pathological conditions, forms at the same time the basis of his studies of the special pathology of the tissues of the teeth, their membranes and correlated tissues, and the organs of the mouth.

Second Year.

(a) Etiology of disease. Disorders of Nutrition and Metabolism. Diabetes. Fever. General circulatory disturbances. Local Hyperemia. Local Anemia.

Hemorrhage. Embolism. Infraction. Thrombosis. Retrogressive processes. Atrophy. Infiltrations and degenerations. Necrosis. Inflammation. Progressive tissue changes. Neoplasms. Infections. Granulomata. Bacteria, and diseases caused by them. Lectures and recitations.
One hour a week through the year.
Professor WIGGIN.

(b) Quiz class in sections.
Two hours a week. Second Semester.

V. Department of Chemistry.

The Chemical Laboratories, which are used exclusively for dental students, are large, well ventilated, and complete in every respect. One laboratory is devoted to the General Chemistry and Qualitative Analysis of the first year, another is arranged with special reference to the experimental teaching of Metallurgy and other practical work of interest to dental students.

In addition to the main laboratories, there are large dispensing rooms, a balance room well equipped with balances and apparatus for testing the physical properties of metals, amalgams, etc., and a room covered with a hood for carrying off the fumes. In this are found the furnaces employed in alloying, assaying, and refining.

First Year.

(a) General and Inorganic Chemistry. Lectures and recitations.
Two hours a week. First Semester.
Professor HALL.

(b) Chemical Laboratory. Work in illustrative experiments in General and Inorganic Chemistry.
Three hours a week. First Semester.
Professor HALL and assistants.

(c) General and Inorganic Chemistry. Lectures and recitations.
Three hours a week. Second Semester.
Professor HALL.

(d) Laboratory. Study of the metals before the blowpipe, and with reagents.
Three hours a week. Second Semester.
Professor HALL and assistants.

Second Year.

(e) Practical problems in Dental Chemistry. Lectures and quizzes.
One hour a week through the year.
Professor HALL.

(f) Laboratory. Qualitative chemical analysis of unknown mixtures, particularly bases and alloys. Refining gold, silver, and other metals. Making dental alloys, gold and silver solders, amalgam alloys, etc. Laboratory study of fusible alloys, and cements. Assay of dental alloys for gold, silver, platinum, tin, copper, etc.
Three hours a week. First Semester.
Professor HALL and assistants.

(g) Organic and Physiological Chemistry. Lectures and Demonstrations.
Two hours a week through the year.
Professor HALL.

(h) Laboratory work in Dental Chemistry.
Three hours a week. Second Semester.
Professor HALL and assistants.

VI. Department of Comparative Dental Anatomy.

This course is designed to give the student in a concise form an intelligent view of the animal kingdom and its classifications, especially of the vertebrates, the forms of teeth in relation to food habits and as weapons of offense and defense; also a study of the extinct species of animals of the several classes, the variations in tooth forms that have occurred, illustrating development through the geological ages; the history of the changes from the simple to the complex forms as they now exist. The Museum of the Dental School is especially rich in skulls of the several orders of the animal kingdom, furnishing illustrations for

the study of all of the known tooth forms. The great collection of the Field Columbian Museum is available and is made use of for purposes of illustration and study.

Second Year.

(a) Evolution. The meaning of similarity of structure. Natural selection. Changes in organs. Correlation of growth between various parts. Principles of heredity and fixity of species. Tooth forms. Definitions and descriptions of the varieties of forms. The typical mammalian dentition. Classification of the animal kingdom, with concise descriptions of the typical characteristics of each.
Two lectures a week. Second Semester.
Professor DORSEY.

VII. Department of Materia Medica and Therapeutics.

Materia Medica is taught in a series of lectures, quizzes, and recitations, with demonstrations and experimental studies. There is also a laboratory study of the most useful methods of preparing drugs for medicinal purposes, with experimental studies of their therapeutic or toxic action. The course is richly illustrated throughout. Abundant practice is given in prescription writing. The great clinic, to which students have access all the year, gives abundant opportunity to witness the application and therapeutic effects of drugs, and for clinical practice.

Second Year.

(a) The sources and various forms of drugs. General and local action of drugs. Agencies that modify the action of drugs. The art of prescribing medicines. A critical study of about one hundred drugs, classified as to their therapeutic and toxic action, with a special laboratory study of escharotics, germicides, antiseptics, deodorizers, etc. Systematic medication for dental purposes. Dental prophylaxis. The use of germicides, antiseptics, escharotics, and astringents in dentistry.

One lecture a week. First Semester.
Two lectures a week. Second Semester.
Professor MAWHINNEY.
Quizzes and Recitations.

(b) Theses. In addition to the above outline, each student is required to write ten theses, of not less than three hundred words each, on subjects assigned.

(c) Clinical Practice. The Infirmary is open to junior students four hours a day for the observation of conditions requiring the use of drugs and for clinical practice in treatments, and each student is required to make fifty points in clinical experience. See also Department of Special Pathology and Therapeutics.
Professor MAWHINNEY and assistants.

VIII. Department of Prosthetic Dentistry.

The Prosthetic Technic Laboratory and the Junior Prosthetic Laboratory are situated on the fifth floor, while the Senior Prosthetic Laboratory is situated on the sixth floor, adjacent to the Crown and Bridge Room. All are well supplied with outside light, as well as a complete electrical equipment for light on dark days.

Each of these laboratories is furnished with electric lathes for grinding and polishing, and in the Junior Laboratory there is a complete equipment of the heavier laboratory appliances, such as vulcanizers, celluloid presses, apparatus for casting aluminum plates, etc. The Senior Laboratory and the Crown and Bridge Room are equipped with a number of electric and gasoline furnaces for porcelain work, and swaging devices of various kinds for inlay and seamless crown work. The Crown and Bridge Room, where practical prosthetic operations are carried on, is equipped with thirty modern chairs.

First Year.

(a) Prosthetic Technics. This course covers in detail the fundamental principles of denture construction

and crown and bridge work, and accompanies the laboratory course.
One lecture a week. First Semester.
Professor PROTHERO.
One hour quiz or recitation a week. First Semester.
Dr. METHVEN.

(b) Laboratory course. Impression taking, model constructing, occluding, waxing, flasking, packing, vulcanizing, and finishing partial and full artificial dentures.
Nine hours a week. First Semester.
Professor PROTHERO, Dr. METHVEN, and assistants.

(c) Metallography. A descriptive course on the nature and physical properties of metals, especially those used in dentistry, with fundamental principles of their uses. It includes also the manipulation of metals, swaging, annealing, solders and soldering, welding, tempering.
One lecture a week. Second Semester.
Professor PROTHERO.

(d) Quiz or recitation on the work of Courses (a), (b), and (c).
One hour a week. Second Semester.
Dr. METHVEN.

(e) Laboratory course. Construction of dies and counter dies. Swaging metal bases of German silver. Attaching teeth by soldering and by vulcanite. Construction of crowns and dummies, all metal and metal and porcelain. Assembling individual crowns and dummies to form bridges. Constructing and tempering taps and dies of steel. Drawing wire and tubing suitable for the construction of orthodontia appliances.
Nine hours a week. Second Semester.
Professor PROTHERO, Dr. METHVEN, and assistants.

Second Year.

(f) Review of Technic principles outlined in first year. Application of these to the practical operations in the Infirmary. A study of the physical properties of plaster of paris, and other materials employed in prosthesis. Muscles of mastication. Force of the

bite. Movements of the lower jaw. Natural arrangement and occlusion of artificial teeth.
One lecture a week through the year.
Professor PROTHERO.

(g) Quiz or recitation.
One hour a week through the year.
Dr. METHVEN.

(h) Laboratory course. Construction of full and partial metal base dentures, with teeth attached by soldering and by vulcanite. Construction and application of clasps to partial dentures. Advanced work in crowns and bridges.
Nine hours a week through the year.
Professor PROTHERO, Dr. WALDBERG, and Dr. METHVEN.

(i) Prosthetic Clinic. Each student is required to undertake and carry to completion a number of practical cases for patients representing each of the various classes of prosthesis, the minimum representing fifty points.
Professor PROTHERO, Dr. BROSNIHAN, and assistants.

Third Year.

(j) A critical review. Summary of recent methods and appliances. Application of porcelain in prosthesis. Baked porcelain crowns. Porcelain bridges, full porcelain dentures. Methods of cavity preparation for porcelain inlays; forming, baking, and setting porcelain inlays. During this course the student is assigned a series of articles for reading, and is required to present a thesis covering the subject named.
One lecture a week through the year.
Professor PROTHERO.

(k) Laboratory course. Cast aluminum base dentures. Celluloid dentures. Banded Logan crowns. Baked porcelain crowns. Porcelain bridges. Continuous gum dentures.
Six hours a week. First Semester.
Dr. WALDBERG, Dr. METHVEN, and assistants.

(l) Prosthetic Clinic. Practical pieces of prosthetic work of all varieties made and fitted for patients in

the Infirmary, with studies of the conditions of the mucous membranes. The preparation of roots for crowns and the abutments of bridges. Making and setting crowns and bridges. Preparation of cavities and setting porcelain inlays, etc. The minimum requirement is one hundred points.
Professor PROTHERO, Dr. BROSNIHAN, and assistants.

The infirmary is open to students from 10:30 to 5:30 o'clock each day during term time. This period is divided between the Prosthetic and the Operative Departments, and text-book work and general reading.

IX. Department of Orthodontia.

Orthodontia is taught both didactically and clinically. Proceding from the normal occlusion, derangements of alignment of the teeth and malformations of the dental arch are systematically classified, and mechanical arrangements of fixtures to bring the several classes of irregularities into normal form are carefully studied.

Text-books: Angle, Guilford, Knapp.

Lantern slides from photographs, X-ray pictures, and models of cases are used.

Third Year.

(a) Occlusion and facial art, etiology, classification, diagnosis of mal-occlusion. The alveolus and alveolar processes, the peridental membranes, use of models, etc.
One lecture a week. First Semester.
Professor SELLERY.

(b) Regulating appliances (Angle, Guilford, Knapp), anchorages, jack screws, levers, traction screws, extension arch and combinations, split plates, reciprocal anchorages, retention. Illustrated with models, with movable teeth and enlarged appliances. Stereopticon views, illustrating progressive regulation and final fixation.
One lecture a week. Second Semester.
Professor SELLERY.

(c) Clinic or Infirmary course open to students during first and second semesters for practical work in the correction of practical cases.
Professor SELLERY, Dr. BAKER, and assistants.

X. Department of Operative Dentistry and Bacteriology.

Operative Dentistry in some of its forms of presentation is before the student from the time he enters the school to his graduation. In the first year it is presented in the form of a study of the human teeth, or dental anatomy, the forms and nomenclature of the instruments used in operations on the teeth, of the preparation of cavities for filling, of filling materials and their manipulation.

In the second year, there is a lecture course with demonstrations on the technical procedures in filling teeth, and the student begins practical operations in the clinic room.

In the third year, there is a review of the technical procedures in filling operations, followed by a careful study of the pathology of dental caries, and the adaptation of means to its amelioration and cure.

The Clinic Rooms, built especially for the purpose, are well equipped with Columbia operating chairs in ample number for the classes, and have abundant room with the best of light.

First Year.—(Operative Technic Course.)

(a) Nomenclature. Descriptive Anatomy of the Human Teeth.
One lecture or recitation a week. First Semester.
Professor GETHRO.

(b) Laboratory Course. Studies of the forms of individual teeth. Carving the tooth forms in bone or ivory. Dissections and studies of the internal parts, —pulp chambers and root canals.
Nine hours a week. First semester.
Professor GETHRO, Dr. CONVERSE, and assistants.

(c) Instruments and Instrumentation. A study of instrument forms, instrument construction, and the

adaptation of instruments to the excavation of cavities.
One lecture a week. One-third of a Semester.
Professor GETHRO.

(d) Laboratory Course.
Nine hours a week. One-third of a Semester.
Professor GETHRO, Dr. CONVERSE, and assistants.

(e) Cavity Nomenclature. A study of the location of cavities in extracted teeth, of the forms of prepared cavities, of the naming of internal parts of cavities, and of the use of instruments in their preparation.
One lecture a week. One-third of a Semester.
Professor GETHRO.

(f) Laboratory Course.
Nine hours a week. One-third of a Semester.
Professor GETHRO, Dr. CONVERSE, and assistants.

(g) Filling Materials and Filling Teeth.
One lecture a week. One-third of a Semester.

(h) Laboratory practice with filling materials and filling prepared cavities in extracted teeth, ivory, or bone.
Nine hours a week. One-third of a Semester.
Professor GETHRO, Dr. CONVERSE, and assistants.

Second Year.

(i) Technical Procedures in Filling Teeth. Cavity Nomenclature. Cavity preparation. Principles, instruments and appliances, and instrumentation. Cavity preparation, by classes of cavities. Filling materials. Instruments and instrumentation, physics of filling operations, and finishing fillings. Porcelain inlays; preparation of cavities; formation of matrix; making and inserting inlays; gold inlays. Filling with amalgam, cements, gutta-percha, etc. Exposure and removal of dental pulp. Preparation and filling of root canals.
Two lectures and recitations a week through the year.
Professor ARTHUR D. BLACK.

(j) Operative Clinic. Open to junior students four hours a day during entire session. Operations

amounting to one hundred and sixty points required.
Professor of Operative Dentistry and assistants.

Third Year.

(k) Review of Technical Procedures in Filling Teeth.
Two lectures a week. First Semester.
Professor BLACK.

(l) Pathology of dental caries. Bacteriology of human mouth. Causative relation of bacteria to dental caries. Caries of enamel. Caries of dentin. Inception and progress of dental caries. Conditions of the beginnings of caries. Systemic causes of caries. Susceptibility and immunity to caries. Vital phenomena in caries. Hyperaesthesia of dentin. Treatment of dental caries. Curative effect of fillings. Selection of filling materials.
Two lectures a week. One-half of a Semester.
Professor BLACK.

(m) Management of patients. Cleanliness. Evil habits in chewing food, and their correction. Management of special conditions. Caries of children's teeth and its treatment; shedding of the deciduous teeth. Management of children. Erosion. Management of cases of erosion. Management of cavities by classes. Extension for prevention and its limitations. Management in special conditions. Esthetic considerations.
Two lectures a week. One-half of a Semester.
Professor BLACK.

(n) Quizzes and recitations.
One hour a week through the year.
Professor WILLARD.

(o) Operative Clinic. Open to senior students from 10:30 to 5:30 o'clock daily during term time. Operations amounting to three hundred and fifty points are required.
Professor of Operative Dentistry and assistants.

(p) Special Fillings. In this course fillings are made under the instruction and immediate observation of the special demonstrators, and later full written de-

scriptions of the conditions indicating the operation, the instrumentation and instruments used, are submitted for grading as to excellence.
Dr. Macfarlane and Dr. Birkland.

The Operative Infirmary Clinic is under the direct supervision of the Professor of Operative Dentistry. The student begins this work with the beginning of his junior year, and continues it to the end of the senior year, the time given to it being much greater in the senior year than in the junior. It is the intention that this infirmary practice shall be as much like an actual dental practice as possible. The development of the ability to obtain and hold a practice, or that professional comity between an operator and his patient essential to personal success, is regarded as parallel in its importance to the future of the student with the development of manipulative ability.

BACTERIOLOGY.

This is a combined lecture, recitation, and laboratory course. The equipment includes culture ovens, sterilizers, conveniences for handling test tubes and for making culture media.

Third Year.

(a) Principles of Bacteriology. The preparation of culture media. Management of laboratory cultures. Distinguishing of laboratory cultures. Physiology of micro-organism. Poisons produced. Diseases caused by micro-organisms, particularly those of the teeth and mouth. Susceptibility and immunity. One lecture or recitation a week through the year.
Professor Willard.

(b) Laboratory. Preparation of culture media. Planting and management of cultures. Separation of species in mixed cultures. Deriving pure cultures from infected animals. Cultures from saliva, from mucous membranes, and from carious teeth. Staining, mounting, and microscopic studies. Diagnosis of unknowns.
Six hours a week through the year.
Professor Willard and Dr. Lauderback.

Summer Clinics.—The clinic rooms will be open all the year for the benefit of students who may wish to have greater experi-

ence in clinical practice under competent supervision. The number of demonstrators during the summer will be ample for the class that may choose to remain with the school. The clinical material is abundant and a most excellent opportunity is afforded for clinical practice.

XI. Department of Special Pathology and Therapeutics.

In this department the diseases and conditions of the soft tissues of the teeth and the immediate surrounding tissues and mucous membranes of the mouth, are given especial attention and study.

Third Year.

(a) A review of the structure and functions of the dental pulp. Hyperemia and inflammation of the pulp. Capping exposed pulps. Obtunding sensitive dentin. Pulp devitalization. Pulp removal. Treatment of canals. Root filling. Suppuration. The healing process. Immunity and susceptibility. Suppuration of the dental pulp. Alveolar abscess. Absorption of roots of teeth and of bone. Caries of bone. Necrosis. A study of germicides and antiseptics with laboratory tests. Bleaching teeth.
Two lectures a week. First Semester.
Professor MAWHINNEY.

(b) Quizzes and recitations.
One hour a week. First Semester.

(c) Peridental membranes. Review of histological structures. Simple gingivitis. Calcic inflammation. Phagedenic pericemenitis. Replantation and transplantation of teeth. Functions of the mucous membranes of the mouth. Stomatitis. Prophylaxis. Mouth hygiene.
Two lectures a week. Second Semester.
Professor MAWHINNEY.

(d) Quizzes and recitations.
One hour a week. Second Semester.

(e) Clinical Practice. In addition to the above courses, senior students are required to make one hundred and fifty points in practical treatments in the In-

firmary clinic, and to send in for examination and criticism a complete history and treatment record of each of ten cases. Professor MaWhinney is in the Infirmary one-half day each week to superintend this work.

XII. Department of Oral Surgery.

The course embraces instruction in the general principles of surgery and their practical application to pathological conditions occurring about the mouth and face, giving special attention to diagnosis and recognition of conditions requiring surgical interference.

Third Year.

(a) Surgical Bacteriology. Inflammation. Suppuration. Wounds. Hemorrhage. Necrosis. Caries of bones. Diseases of the Maxillary Sinus. Resection of roots. Tetanus. Ankylosis. Arthritis. Facial Neuralgia. Fractures. Dislocations. Extraction of teeth. Malposition of third molars. Impacted teeth. Replantation, transplantation, and implantation of teeth. Cleft palate and harelip. Affections of the lips, tongue, and mouth. Tumors. Odontomes. Ranula. Cysts. Aneurisms.
One lecture a week through the year.
Professor Gilmer.

(b) Recitations and quizzes.
One and a half hours a week through the year.
Dr. Arthur D. Black.

(c) Surgical Clinic.
Two hours a week through the year.
Professor Gilmer and assistants (nurses from St. Luke's Hospital).

(d) Special Clinical Instruction. Diagnosis and case histories.
One hour a week through the year.
Dr. Arthur D. Black.

(e) After treatment of surgical cases by students, under direction of Professor Gilmer.

(f) Clinic in the extraction of teeth, daily. Open to juniors and seniors.
Dr. EASTON.

Anaesthetics and Anaesthesia.—This subject is presented in detail in lectures, experimentally on animals and clinically in the oral surgery clinic, and daily in the extracting clinic. Nitrous oxide is used generally in the extracting clinic, and ether and chloroform in the oral surgery clinic. Local anaesthesia is exhibited frequently in clinic in cases to which it is adapted.

(g) The evolution of general surgical anaesthesia. State of the patient. Nature of operation. Choice of anaesthetic. Prolonged dental operations. Circumstances of administration. Inspection and examination of patients. Consideration of general anaesthetic agents. Local and regional anaesthetics. Dangers of anaesthesia.
One hour a week. Second Semester.
Dr. PETERSON.

(h) Clinical administration of anaesthetics in oral surgery clinic.
Two hours a week through the year.
Dr. PETERSON.

(i) Clinical exhibition of nitrous oxid anaesthesia in extracting clinic daily during term.
Dr. EASTON.

XIII. Department of Professional Ethics and Dental Jurisprudence.

This work consists of a brief statement of the important principles of morals, an exposition of the special duties and moral obligations of professional men in respect to their patients, toward their fellow practitioners, and toward the public, the more important differences between the professions and businesses or manufacturing pursuits, with reference to the ethical standards that are right and appropriate in each.

The lectures on Jurisprudence, will, in the main, follow the text-book by Dr. Rehfuss. It will include qualifications

and duties of expert witnesses, the importance of dental records, the limitations of dental practice, the qualifications required and the liabilities incurred, the penalties that may be suffered, and the defense to be made in case of real or supposed malpractice; the laws respecting the practice of dentistry, the steps necessary to become legal practitioners, the duties and liabilities of dentists with reference to the law, etc.

Third Year.

(a) Elementary principles of ethics. Professional ethics. State laws relating to dentistry. Illinois Dental Law. Dental Jurisprudence. General review.
One lecture a week. First Semester.
Professor EDMUND NOYES.

As the greater number of students now enter dental schools without previous private preceptorship in a dental office or a knowledge of the business side of dental practice, a lecture course on Dental Economics has been instituted as an adjunct to this department. This will embrace practice building, methods of obtaining and retaining patients, business relations between dentist and patients, fees for dental services, keeping of books of accounts and of records of operations, presentation and collection of accounts, methods of economy in the conduct of an office, and so forth.

(b) Dental Economics.
One lecture a week. Second Semester.
Dr. CHARLES R. E. KOCH.

REQUIREMENTS FOR GRADUATION.

The degree of Doctor of Dental Surgery is conferred on such students as complete the course of instruction. Candidates must have attended the required courses of lectures, the last year at least in this school, and must pass satisfactory examinations in all the subjects of study.

The monthly reports of the quizzes and the infirmary practice of the students will bear very materially upon their standing at all examinations.

To be admitted to a degree, a candidate must be twenty-one years of age, and must be of good moral character.

No student will be recommended for a degree who has not discharged his financial obligations to the school, and to the University, in full.

THE LIBRARY AND READING ROOM.

The Library and Reading Room, named in honor of the late Dr. Theodore Menges, occupies, with the attached Journal and Professors' Reading Room, three thousand feet of floor space, with reading tables and chairs for the accommodation of about one hundred students at one time. The Library contains 2,600 volumes of books on dental and collateral subjects, with a rich supply of dictionaries and encyclopedias conveniently placed in the Reading Room for easy consultation, and nearly all of the dental journal literature in the English language, with about 10,000 duplicate numbers. Many of the books most used by students are duplicated up to twelve, and a few to fifteen copies. The books and journals may be used by students in the Reading Room without restriction, other than that necessary for the proper care of the books, and also, when the duplication of volumes will allow, may be used as a circulating library.

THE MUSEUM.

The Museum of the Dental School is in the Reading Room and is open to inspection and study at all reasonable times. The cases are arranged to show the specimens to the best advantage.

The comparative anatomy specimens are, with the exception of full skeletons of the gorilla and chimpanzee, heads with the teeth. There are a sufficient number of varieties of each of the several orders to give specimens of every kind of tooth form and variety of placement known in mammals, saurians, and snakes, with a very rich variety of fishes.

The principal specimens of the human skull are, first, a most excellent mounting of the separated bones of the adult; second, a fine set of dissections in a series showing the development of the teeth and their roots from their first appearance in the fetus to the full adult development, and illustrating the absorption of the roots of the deciduous teeth, the shedding process, and the replacement by permanent teeth; also the absorption of the alveolar processes after the loss of teeth, with the changes that occur in the form of the bones of the jaws from childhood to old age. This is an exceptionally complete, handsome, and valuable set of specimens. There is also a considerable number of ordinary human skulls.

The Museum also contains a valuable collection of abnormal forms of human teeth; a very full and complete collection of specimens illustrating interproximate wear and flattening of interproximate contact; some illustrations of the very early forms of artificial teeth, of manufactured porcelain teeth, and of dental instruments, illustrating the development in these lines. These parts of the Museum have been collected largely in the school by its students, its alumni, and through donations of specimens by members of the dental profession.

FEES AND EXPENSES.

The fees paid by students in the Dental School are as follows:

First Year.	
Matriculation Fee	$5.00
General Tuition	150.00
Second Year.	
Registration Fee	$5.00
General Ticket	150.00
Third Year.	
Registration Fee	$5.00
General Ticket	150.00

A general breakage fee of one dollar is paid by each student.

All fees are payable in advance on or before October 20, of each year. Variations from this condition of payment can only be made upon written agreement of the proper official. Whenever a deferred payment is acceded to by the school, the accommodation and extra trouble it involves will be charged for.

There will be no return of fees by reason of suspension or expulsion, and no refund can be made for any cause except serious illness. In such case, upon the recommendation of the proper officer of the school and the statement that the student is in good standing, a proper proportion of the fees already paid may be returned by the University.

Good board and rooms convenient to the school can be obtained at prices varying from $4.00 to $6.00 a week, according to the accommodations; also vacant rooms, without board, furnished or unfurnished, can be obtained at from $6.00 to $10.00 a month.

POST GRADUATE AND PRACTITIONERS' COURSE.

A Post Graduate and Practitioners' Course will be instituted on June 4th, 1906, to continue for four weeks. It will comprise the following subjects:

Operative Dentistry.
Oral Surgery.
Special Pathology, Materia Medica and Therapeutics.
Prosthetic Dentistry.
Orthodontia.

The lectures and practical teaching in these subjects will be given by the regular teaching staff of the school. Porcelain and gold inlays, crown and bridge work of all descriptions, treatment of pyorrhea, and the more recent methods in operative dentistry and oral surgery will receive special attention. Upon satisfactory completion of the course, a certificate setting forth this fact will be issued by the school. The registration fee for the course is five dollars, which will be credited against the regular fees.

Fees.

For the course, embracing the five subjects	$75.00
For any one subject alone	50.00
For two or three subjects	65.00

All remittances or payments for this or the regular course should be made in Chicago exchange or currency to the order of the Secretary of Northwestern University Dental School.

For further information relating to the Dental School, address, The Secretary, Northwestern University Dental School, Northwestern University Building, Lake and Dearborn Streets, Chicago, Illinois.

THE SCHOOL OF MUSIC.

EVANSTON.

FACULTY.

PETER CHRISTIAN LUTKIN, MUS.D., *Dean, Professor of Organ, Theory, and Composition.*

HAROLD EVERARD KNAPP, *Director of the Violin Department, Professor of Violin and Ensemble Playing.*

ARNE OLDBERG, *Professor of Piano and Composition.*

KARLETON HACKETT, *Director of the Vocal Department, Instructor in Voice Culture.*

VICTOR GARWOOD, *Instructor in Piano and History of Music.*

WILLIAM HENRY KNAPP, *Instructor in Voice Culture.*

LILLIAN FRENCH READ, *Instructor in Voice Culture.*

MARGARET CAMERON, *Instructor in Piano.*

ELIZABETH RAYMOND WOODWARD, *Instructor in Piano.*

NINA SHUMWAY KNAPP, *Instructor in Piano.*

LOUIS NORTON DODGE, *Director of the Preparatory Department, Instructor in Piano and Theory.*

HARLAN JOHN COZINE, *Instructor in Sight Reading and Choral Music.*

BERTHA ALTHEA BEEMAN, *Instructor in Voice Culture.*

LEILA MARCHANT HARLOW, *Instructor in Public School Methods.*

LEWIS RANDOLPH BLACKMAN, *Instructor in Violin.*

DAY WILLIAMS, *Instructor in Violoncello.*

WALFRIED SINGER, *Instructor in Harp.*

CHARLES JOSEPH KING, *Instructor in Clarinet, Oboe, and Bassoon.*

CHARLES STEPHEN HORN, *Instructor in Cornet.*

WINIFRED HULL, *Assistant Instructor in Piano.*

CHARLES JOHN HAAKE, *Assistant Instructor in Piano.*

HILA VERBECK KNAPP, *Assistant Instructor in Piano.*

Maude Juliet Marceau, *Assistant Instructor in Piano.*
Curtis Abel Barry, *Assistant Instructor in Organ.*
Nellie Beulah Flodin, *Assistant Instructor in Piano.*
Sarah Moore, *Assistant Instructor in Piano.*
John Mahard Rosborough, *Assistant Instructor in Piano.*
Irving Hamlin, *Secretary.*

LOCATION AND PURPOSE.

The School of Music was established in 1895. It offers extensive courses in the practical and theoretical study of music, and is designed to fit students for the profession as composers, theorists, artists, teachers, or critics. It also makes provision for the study of music as a part of general culture or as an accomplishment.

The school occupies its own building on Willard Hall Campus immediately to the north of Willard Hall. This building was erected during the year 1897 for the especial needs of the Music School.

REQUIREMENTS FOR ADMISSION.

Students entering the School of Music do so either as regular or as special students. In the former case, they pursue prescribed courses of study, and become candidates for a certificate or diploma. As special students, they pursue such work as they may elect; but, in the case of non-resident students, it is required that they take a sufficient amount of work to keep their time reasonably occupied. In any case, students come under the discipline and general social regulations of the University.

For the course in Applied Music moderate attainments representing on an average one year's systematic training in singing and two or three years' in instrumental music are necessary to enter to advantage.

COURSES OF INSTRUCTION.

The following courses of study are offered:

I. Course in Applied Music, leading to the Degree of Graduate in Music.

II. Course in Theory and History of Music, leading to the Degree of Bachelor of Music.

III. Post-Graduate Course.

IV. Literary Musical Course.

V. Course in Public School Music Methods.

I. COURSE IN APPLIED MUSIC.

This course includes the practical study of piano, organ, violin, or voice, and certain other subjects specified below. Candidates of decided ability can complete the course in four years, and it is designed to equip them for professional work. Candidates who can meet the entrance requirements to the College of Liberal Arts will receive the degree of Graduate in Music upon the satisfactory completion of this course. Opportunity is given in the Evanston Academy of the University, without extra expense, to make up any reasonable deficiency in College entrance requirements. Matriculation once effected permits the candidate to pursue each year one College subject during the music course without extra fee. Candidates registering for such subjects, however, will not be permitted to discontinue them except at the end of a semester.

Candidates not desiring or unable to complete the studies necessary for matriculation in the College of Liberal Arts, may confine their work to the purely musical studies scheduled below, and upon the satisfactory completion of them will be granted the School of Music diploma of Musical Proficiency. Such students may carry one literary study in the Academy during the course without extra fee.

A suitable certificate will also be given at the end of the second year of the course, for which an additional requirement is the performance of a program as outlined on page 303 under the heading "Certificate of Performance."

All candidates are required to pursue their work according to the following schedule:

SCHEDULE OF STUDIES.

First Year.

Introductory Harmony A.
Introductory Form and Analysis B.
Duet Playing and Sight-Reading.
Sight-Reading (vocal) C.
Applied Music.
(College or Academy Study.)

Second Year.

Harmony (Chadwick) D.
Form and Analysis E.
History of Music F.
Ensemble and Accompaniment.
Sight-Reading (vocal) G.
Applied Music.
(College or Academy Study.)

Third Year.

Counterpoint (Bridge) H.
Harmony (Chadwick continued) I.
Composition, Homophonic Forms J.
Ensemble and Accompaniment.
History of Music (lectures) K.
Analysis L.
Applied Music.
(College or Academy Study.)

Fourth Year.

Counterpart M.
Canon and Fugue N.
Composition, Sonata Form, O.
Analysis P.
Ensemble, Chamber Music.
Score Reading.
Applied Music.
(College or Academy Study.)

NOTE.—By "applied music" is meant the study of piano, organ, violin, or voice, to which, in the case of instrumentalists, two lessons a week are given, and four hours a day are spent in preparation. Voice students may substitute piano playing of medium grade and choir and choral practice (Evanston Musical Club) for Instrumental Sight-reading, Ensemble Playing, and Reading from Score. The amount of vocal practice will be decided by the instructor. Ordinarily organ students divide their time between the organ and the piano. If they are sufficiently advanced technically and in Sight-reading ability, the piano requirements may be waived, in which case one lesson a week is given upon the organ, and a special tuition rate is allowed (see page 306). In the case of students of stringed instruments, orchestra practice is considered an equivalent for ensemble playing.

In addition, candidates must satisfactorily perform programs conforming to the following requirements:

FOR PIANO STUDENTS:

A concerto of advanced difficulty.
One of the later Beethoven sonatas.
A prelude and fugue (five-voiced) from Bach's Well-tempered Clavichord.
Two Chopin études.
Selections from the more important works of Schumann and Brahms.

FOR ORGAN STUDENTS:

One of the great preludes and fugues of Bach.
A sonata of Guilmant or Rheinberger.
Selections from the works of Thiele, Widor, Merkel, or Franck.

For Violin Students:

A Bach sonata.
A concerto of advanced difficulty.
A modern sonata for piano and violin.
Selections from the more important works of Vieuxtemps and Wieniawski.

For Vocal Students:

An operatic aria.
An aria from Handel's Messiah or Haydn's Creation.
An aria from a modern oratorio.
Group of songs from Brahms, Jensen, Schumann, Schubert, or Franz.

II. COURSE IN THEORY AND HISTORY OF MUSIC.

This course is intended for composers and theorists. If the candidate be not fairly experienced at the keyboard, and familiar with all the major and minor keys together with the simpler harmonies therein, he will be obliged to take introductory studies before entering the first year, which corresponds to the freshman year in the College of Liberal Arts.

The course requires all the subjects enumerated under the head of *Music* on pages 136 to 138, and in addition the study of General Physics for one year. As in the course in Applied Music, the candidate will be obliged to prove his ability to matriculate in the College of Liberal Arts before receiving his degree.

The course covers four years' work and leads to the degree of Bachelor of Music. The candidate at the close of the required studies must compose a work of considerable length for chorus and orchestra, introducing solos and a tonal fugue in at least four parts. In both its technical and artistic aspects this work must be satisfactory to the faculty.

III. POST-GRADUATE COURSE.

This course gives further opportunity to performers for pursuing their studies either in preparation for artistic concert performance or to extend their knowledge of the classical literature of applied music. To composers it offers valuable experience in the larger forms, such as cantatas, oratorios, chamber music, symphonies, etc. In its broadest sense music presents an almost limitless field for study, and graduates can enter this course with profit.

IV. LITERARY MUSICAL COURSE.

This course is intended for students of high school age, and includes the more essential subjects necessary for general culture, and permits the study of music for two hours a day. It consists of the four-year course in the Evanston Academy of this University, the study of Music being substituted for one-fourth of the required work. The studies include Latin, Physiography, Algebra, English, Grecian and Roman History, Greek, Biology, Plane Geometry, Physics, German and French. Music is to be continuously and satisfactorily pursued during the entire course, two lessons a week to be taken, and at least two hours a day devoted to its study. The student will come under the jurisdiction of the Academy, and will receive its diploma upon passing the necessary examinations. For particulars, other than musical, see circular of the Evanston Academy.

Students in this course pay the full Academy tuition fee of $60.00 a year, and for their music, tuition according to the "Special Student Fees" on page 306 of this catalogue, less a rebate of $20.00 a year.

V. COURSE IN PUBLIC SCHOOL MUSIC METHODS.

In the current year a course in public school music methods has been established. It is in charge of an experienced specialist who is also Supervisor of Music in the public schools of Evanston. The course embraces the studies of Introductory Harmony, Form, and Analysis, Musical History; also classes in Vocal Sight Reading, and special lectures bearing upon the study of the child voice, methods of teaching, chorus conducting, etc. Students are permitted to observe the actual work of music instruction as it is given in the Evanston public schools. A special circular gives full particulars.

CERTIFICATE OF PERFORMANCE.

To students who have studied at least two years in the school and can creditably perform a program in their specialty, a Certificate of Performance stating the degree of proficiency will be given. The minimum requirements are as follows:

To Piano Students:

Beethoven, a complete sonata.
Bach, a fugue or three-voiced invention.
Mendelssohn, Schumann, and Chopin, characteristic pieces of average difficulty.
Two selections from more modern composers.

To Organ Students:

Bach, prelude and fugue.
Mendelssohn, sonata complete.
Two groups of pieces drawn from the modern English and French schools.

To Violin Students:

A sonata for piano and violin from Haydn, Mozart, or Beethoven.
One of the easier Viotti Concertos.
Two groups of solo pieces of average difficulty.

To Vocal Students:

An oratorio aria.
A group of songs from the classic composers.
A group of songs from modern composers.

METHODS OF INSTRUCTION.

Attention is called to the fact that instruction in instrumental and vocal music is based upon private lessons, and not upon the so-called "conservatory" or "class" system. Artistic results are entirely dependent upon a close adaptation to the individual needs of the pupil, and cannot be satisfactorily accomplished in classes. No two students have the same mental, physical, or artistic capacity, and their individual capabilities can be neither properly nor fully developed without painstaking personal attention. The only real advantages of the class system—those of emulation and observation—are fully provided for by the system of weekly solo classes.

MUSICAL PEDAGOGY.

During the last term of each year a series of lectures, more especially intended for the graduating class, is given by the Director of the Preparatory Department. These lectures are designed to give young teachers an orderly survey of the materials of music education with special reference to piano playing from the smallest beginnings to an advanced stage of attainment.

DIPLOMAS AND CERTIFICATES.

Upon the recommendation of the faculty, diplomas will be given to students completing the courses in Applied Music and Theory and History of Music; and certificates

to those completing the second year of the course in Applied Music and the third year of the course in Theory and History of Music.

Certificates of Performance will also be granted on the conditions mentioned under that heading on page 303.

The fee for the diploma is $10.00, and for the certificate, $5.00.

FREE ADVANTAGES.

The classes in Sight-reading, the Chamber Music and Faculty Concerts (except the Artists' Series), numerous recitals, and lectures in the School of Music and other departments of the University, are free to the students of the School of Music.

FEES AND EXPENSES.

Matriculation Fee—A matriculation fee of five dollars is charged on entering the regular courses or theoretical classes. It is paid but once.

Incidental Fee—A fee of fifty cents a term is charged each student entering the School. This fee covers admission to the Artists' Series of concerts.

All students in the regular courses are charged fifty cents additional in the second, third, and fourth terms, which sum entitles them to a reserved seat ticket for the concerts of the Evanston Musical Club. Students who are members of the Club are exempt from this charge.

The school year is divided into two semesters of eighteen weeks each, the semesters being subdivided into two terms of nine weeks each, thus making four terms of nine weeks each in the school year.

Regular Course Fees.

Course No. 1.	Theory Fee, which includes classes in Harmony, Musical History, Analysis, Counterpoint, Vocal and Instrumental Sight-Reading, Ensemble, and Literary Studies.....	$20.00 a term
Course No. II.....		20.00 "
Course No. III.	According to Special Student Fees.	
Course No. IV.	See page 302.	
Course No. V.	Term Fee	30.00 "
	To Students registered in Course I or II.....	10.00 "

The following reduced fees for private lessons in vocal or instrumental music are granted to students in Course No. I paying the "theory fee" of twenty dollars, or in Course No. V, paying the "term fee" of thirty dollars. They include two half-hour lessons a week.

Professor Lutkin (Piano or Organ).....	$35.00 a term
Professor Lutkin (Special Organ rate—see page 300)	20.00 "
Professor Harold E. Knapp (Violin).....	25.00 "
Professor Arne Oldberg (Piano).....	30.00 "
Victor Garwood (Piano).....	30.00 "
Karleton Hackett (Voice).....	40.00 "
W. H. Knapp (Voice).....	20.00 "
Lillian French Read (Voice).....	30.00 "
Margaret Cameron (Piano).....	20.00 "

Special Student Fees.

Private Lessons for a Term of Nine Weeks.

	Two half-hour lessons a week.	One half-hour lesson a week.
Professor Lutkin (Piano or Organ)....	$45.00	$25.00
Karleton Hackett (Voice).....	54.00	30.00
Professor Arne Oldberg (Piano).....	40.00	22.00
Victor Garwood (Piano).....	40.00	22.00
Professor H. E. Knapp (Violin).....	31.50	17.00
W. H. Knapp (Voice).....	27.00	15.00
Lillian French Read (Voice).....	40.00	22.00

	Two half-hour lessons a week.	One half-hour lesson a week.
Day Williams (Violoncello)	27.00	15.00
Margaret Cameron (Piano)	27.00	15.00
Elizabeth Raymond Woodward (Piano)	22.50	12.00
Nina S. Knapp (Piano)	20.00	11.00
L. N. Dodge (Piano or Theory)	20.00	11.00
Bertha A. Beeman (Voice)	20.00	11.00
L. R. Blackman (Violin)	18.00	10.00
C. J. King (Clarinet)	18.00	10.00
Charles S. Horn (Cornet)	18.00	10.00

Class Lessons.

Full Theoretical Course	$20.00 a term
Partial Course	11.00 "
Advanced History, K	5.00 "
Pedagogy (free to graduating class in Diploma Course)	5.00 "
Vocal Sight-Reading Class (to students taking no other work)	1.50 "

Piano Practice.

One hour daily	$ 3.00 a term
Two hours daily	5.50 "
Three hours daily	8.00 "
Four hours daily	10.00 "

Organ Practice.

Each hour of daily practice, including blowing	$10.00 a term
Pedal Piano, each hour of daily practice	5.00 "

NOTE.—A discount of twenty-five per cent. is allowed to the immediate members of a minister's family for private lessons. It is not allowed for class instruction or practice.

Private lessons falling upon legal holidays are made up only at the convenience of the teacher. No deductions will be made to pupils for absence from lessons due to occasional illness or other causes. In cases of protracted illness, when due notice is given, private lessons missed will be trans-

ferred to a subsequent term, or the loss will be divided with the student. No rebates are allowed for class lessons.

Tuition is payable strictly in advance at the University office, 518 Davis street. Checks may be drawn payable to Northwestern University, and all fees should be paid in currency or in Chicago exchange.

PREPARATORY DEPARTMENT.

A Preparatory Department is maintained by the School of Music in which excellent instruction may be obtained in piano, organ, voice, or theory. Instruction is given for the most part by graduates and under-graduates of the school, classified respectively as Assistant Instructors and Student Instructors. The terms coincide with those of the regular school, being nine weeks in length. Tuition rates are from ten dollars to fifteen dollars a term of eighteen half-hour lessons.

For further information and special circulars relating to the School of Music, address Northwestern University School of Music, Evanston, Illinois.

THE ACADEMIES

EVANSTON ACADEMY OF NORTHWESTERN UNIVERSITY.

EVANSTON.

FACULTY.

ARTHUR HERBERT WILDE, S.T.B., PH.D., *Principal.*

HERBERT FRANKLIN FISK, D.D., LL.D., *Principal Emeritus.*

ADA TOWNSEND, A. M., *Instructor in Latin.*

JULIA EARECKSON FERGUSON, *Instructor in Drawing.*

CLARA GRANT, PH.B., *Instructor in English.*

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JANE NEILL SCOTT, A.M., *Instructor in Greek and Latin.*

FLOYD FIELD, A.M., *Instructor in Mathematics.*

HAROLD STILES, A.M., *Instructor in Physics and Manual Training.*

JOHN HUBERT SCOTT, A.B., *Instructor in English.*

LEWIS HART WELD, A.M., *Instructor in Biology.*

PETER A. CLAASSEN, A.B., *Instructor in French and German.*

GEORGE BENJAMIN WOODS, A.B., *Instructor in English.*

FREDERICK WILLIAM OWENS, A.M., *Instructor in Mathematics.*

MYRTLE LAMINTA JOHNSTON, A.B., *Instructor in History.*

ELIZABETH BRAGDON, PH.B., *Instructor in Latin.*

SHELBY MILLARD HARRISON, *Instructor in Penmanship and Bookkeeping.*

HENRY AUGUSTUS GILRUTH, *Instructor in Arithmetic.*

SIMON BARLOW, *Instructor in Stenography and Typewriting.*

SARA JULIET BROWN, B.S., *Office Secretary.*

The Academy is situated on the University Campus in Evanston, and occupies Fisk Hall, which was erected for

its purposes in 1898. The special work of the school is to prepare students for college and technical schools. Besides this special work a general academic education is offered to those who cannot take a regular course, but who wish to prepare themselves for the study of law or of medicine, or for teaching in the public schools, or for business.

The course of study extends through four years. Students who give satisfactory evidence of having done thoroughly a part of the course before entering will be credited with that work. Students completing the course are admitted to the College of Liberal Arts on the certificate of the Principal.

The Academy provides instruction adequate for admission to college in the English, French, German, Latin, and Greek languages, in Mathematics, History, and Civics. It has a well-equipped Manual Training plant, and ample rooms completely furnished with apparatus for laboratory instruction in Mechanical and Electrical Physics, Zoölogy, Botany, and Physiography.

It also affords convenient facilities for college students to make up entrance conditions.

Five literary societies, three for young men and two for young women, have their homes in well furnished parlors in Fisk Hall and all of them are zealously active. The two Christian Associations maintain weekly meetings and in many ways serve the interests of the body of students. They welcome all students to membership.

The departments of instruction are immediately supervised by the corresponding departments of instruction in the College of Liberal Arts. Those who wish to add courses in Music or in Elocution to Academy studies, have convenient access to those departments, in which unsurpassed advantages are offered.

For further information, address Evanston Academy, Evanston, Illinois.

GRAND PRAIRIE SEMINARY.

ONARGA, ILLINOIS.

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GEORGE EDWARD SPRA, *Instructor in Typewriting.*

Grand Prairie Seminary is a preparatory school of the University. It was founded in 1863 and was affiliated with Northwestern University in 1901. It is well endowed and maintains a high standard of scholarship.

It is situated in Onarga, Illinois, on the main line of the Illinois Central Railway, eighty-four miles south of Chicago. The town is an ideal place for a school, having no saloons and the community being noted for its high moral tone. It has good churches and a Public Library, which is at the service of the members of the school.

The equipment of the Seminary consists of three buildings, a Recitation Hall for class instruction, an Auditorium for public exercises, musical, oratory, and art instruction, and a Women's Dormitory and Boarding Hall. The school has a library of a thousand carefully chosen volumes of standard works of reference on science, history, biography, and literature. It has laboratory facilities for instruction in physics, zoölogy, botany, and chemistry.

The Seminary offers courses in the Academic Department, Normal Department, School of Business, School of Music, Department of Oratory, and the Art Department.

For further information and full particulars, address Grand Prairie Seminary, Onarga, Illinois.

ELGIN ACADEMY.

ELGIN, ILLINOIS.

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JOSEPH THING LADD, D.D.
GEORGE EZRA COOK.
JOHN MARTIN BLACKBURN.

FACULTY.

GEORGE NEWTON SLEIGHT, A.B., B.PD., *Principal, Instructor in Greek.*

FLORENCE SARAH RAYMOND, B.S., *Instructor in Mathematics.*

SARAH ANNA PRATT, A.B., *Instructor in English.*

LAURA FOSTER ULLRICK, A.B., *Librarian, Instructor in History.*

ROBERT ARCHIBALD CAMPBELL, B.S., *Instructor in Physics, Chemistry, and Botany.*

FRED MAICHELE, A.B., *Instructor in German and Latin.*

AGNES B. OLIVER, *Instructor in Elocution.*

PEARL A. DUNBAR, *Principal of the Preparatory Department.*

OLIVER JOEL PENROSE, *Instructor in the Commercial Branches.*

LOTTA H. JAMES, *Instructor in Shorthand and Typewriting.*

BESSIE M. COSTELLO, *Instructor in Shorthand.*

MARY LOUISE PRINDLE, *Assistant Librarian.*

EYVON SCHEFLOW, A.B., *Instructor in Mechanical Drawing.*

Elgin Academy was first opened for students December 1st, 1856, in a commodious building erected the year previous. Its charter, originally granted in 1839, was revised in 1855, and in this amended form is still in force. In 1903 the Academy was affiliated with Northwestern University.

The Academy is situated in the most elevated and healthful portion of the City of Elgin, a town of 22,500 inhabitants, on the main line of the Chicago and Northwestern Railway, about forty miles northwest of Chicago. The campus, covering an area of four acres, is delightfully shaded, and presents an attractive view.

The main building for the regular academic work is an imposing three-story brick structure. It is heated by steam throughout, lighted by electricity, and has the city water on two floors. The rooms are large, airy, and well lighted.

A large three-story building of brick, which was erected in 1888 through the generosity of Mrs. Vincent S. Lovell, for manual training purposes, is now used for science work and is known as the Lovell Science Hall.

This Academy offers to the youth of both sexes the best possible opportunities for a scholarly and practical education.

Its students are prepared for the leading colleges or for business. The surroundings are refining and Christian. Open and frank relations are maintained between teachers and students. Instructors, whose interest in young people extends further than class-room duties, are alone secured. At no time will the Academy seek for a larger attendance than is consistent with thorough and personal work.

For further information, address Elgin Academy, Elgin, Illinois.

THE THEOLOGICAL SCHOOLS.

The University has never established a theological school under its own control, but has from the beginning recognized Garrett Biblical Institute as meeting all the needs of a theological department. There is a liberal interchange of work between the College of Liberal Arts and the Institute, and properly qualified students in either school are admitted to classes in the other without tuition fees upon the recommendation of their respective faculties.

GARRETT BIBLICAL INSTITUTE.

EVANSTON.

FACULTY.

CHARLES JOSEPH LITTLE, PH.D., LL.D., S.T.D., *President, Professor of Historical Theology.*

MILTON SPENSER TERRY, A.M., D.D., LL.D., *Professor of Christian Doctrine.*

SOLON CARY BRONSON, A.M., D.D., *Registrar, Professor of Practical Theology.*

CHARLES MACAULAY STUART, A.M., D.D., *Secretary, Professor of Sacred Rhetoric.*

DOREMUS ALMY HAYES, S.T.D., PH.D., *Librarian, Professor of New Testament Exegesis.*

FREDERICK CARL EISELEN, A.M., B.D., *Professor of Semitic Languages and Old Testament Exegesis.*

ROBERT MCLEAN CUMNOCK, A.M., L.H.D., *Professor of Rhetoric and Elocution.*

JOHN JOSIAH RAPP, B.D., *Instructor in Greek and Hebrew.*

NELS EDWARD SIMONSEN, A.M., D.D., *Principal of the Norwegian-Danish Theological School.*

WALTER HUGH WHITLOCK, *Assistant Librarian.*

GARRETT BIBLICAL INSTITUTE, chartered in 1855, is a theological seminary which has, since 1856, been in close coöperation with Northwestern University. It is situated in Evanston, upon the University campus, and is open to young men from any evangelical church who are properly recommended as candidates for the Christian Ministry. It was established especially as a seminary where young men of this class from the Methodist Episcopal Church might be educated. It is supported by income from property in the city of Chicago, bequeathed in 1853 as a perpetual foundation, by Mrs. Eliza Garrett. It invites to its care and instruction young men in the Church whom God has called to be His ministers.

REQUIREMENTS FOR ADMISSION.

Students not licensed to preach are received on the recommendation of their respective quarterly conferences, or temporarily, in failure of this, on a note from their pastor, promising the recommendation in due time. The form of recommendation authorized by the General Conference of the Methodist Episcopal Church is as follows:

We, the members of the Quarterly Conference of.....
.....hereby express our judgment that.....is called of God to the work of the ministry, and we recommend him to the care and instruction of Garrett Biblical Institute.

Applicants from other churches will need to bring such certificates as are usually given by the denominations to which they belong. Students from other theological seminaries may be admitted *ad eundem* on presenting satisfactory testimonials of equivalent work and honorable dismissal.

INSTRUCTION.

Those who enter the courses of instruction should have a thorough preparation. The College of Liberal Arts offers its advantages to those who require this preparation.

The aim is to embrace all departments of Theological Encyclopedia, as indicated in the following scheme:

A. Exegetical Theology.

1. *Biblical Philology*—Hebrew and Greek Languages, and their cognates.

2. *Biblical Introduction*—Canonics, Criticism (higher and lower), Sacred Literature.

3. *Biblical Archæology*—Chronology, Ethnology, Geography, Antiquities.

4. *Hermeneutics*—(1) *General:* Study of words, Grammatical Forms, Styles, etc. (2) *Special:* Study of Figurative Language, Parables, Allegories, Types, Symbols, Prophecy, Apocalyptics.

5. *Exegesis*—Critical and expository study of the several books of the Bible.

6. *Biblical Theology*—Development of Biblical Doctrine as distinct from Historical and Systematic Theology.

B. Historical Theology.

1. *Sources*—Canonical and Apocryphal books of the Bible, Pseudepigraphal books, Sacred books of all nations. Archæological Monuments, Patristics, Symbolics, Liturgics, and Hymnology.

2. *External Development of the Kingdom of God*—Pre-Christian History of Israel and the Nations. Patriarchal period, Mosaic, Priestly, Regal, and Prophetic development, and Post-exilian Judaism, life and work of Christ, the Apostolic Age, and ancient, mediæval, and modern periods of the Christian Church.

3. *Internal Development*—Religious life and thought of the Church, its progress through the centuries, History of Doctrines, Comparative Religion and Theology, and Sociology.

C. Systematic Theology.

1. *Metaphysics*—Psychology, Ontology.

2. *Apologetics*—Evidences and defenses of Revelation.

3. *Dogmatics*—Doctrine of God and Christology, Anthropology, Soteriology, Eschatology.

4. *Polemics*—The great issues of theological controversy.

5. *Irenics*—Methods of conciliating theological differences.

6. *Ethics*—Theoretical, Practical.

D. Practical Theology.

1. *The Ministry as an Institution*—Its calls, functions, qualifications, preparation, maintenance, perils, safeguards.

2. *Homiletics*—History, science, and art of preaching, praxis, homiletical study of great preachers.

3. *Liturgics*—Forms of worship, conduct of services, administration of the Sacraments.

4. *Ecclesiastical Polity and Law*—Forms of church government, judicial administration, discipline.

5. *Pastoral Theology*—(1) *Catechetics:* Training of children and probationers, educational functions of the church, Sunday-schools, etc. (2) *Poimenics:* Pastoral care, shepherding the flock, details of the pastoral office. (3) *Church Activities:* Adaptation of the machinery of the church to the existing needs, benevolent work and social life of the church, employment of lay agen cies, study of other religious institutions in their relations to our own.

6. *Halieutics*—Evangelistic methods, the work of extending the Kingdom within the Christian community, missions—domestic and foreign.

COURSES OF STUDY.

Two main courses of study are offered, as shown in the schedule below:

I. Degree Courses.

There are two Degree Courses: one leading to the degree of Bachelor of Divinity, the other to the degree of Doctor of Philosophy.

1. *The B.D. Course.*—This is a three years' course arranged for classical graduates of approved colleges. Applicants, upon registration, are required to present their diplomas. Students, not graduates of colleges, may be admitted to this course, if, by examination not later than the close of the first term, they satisfy the Faculty of their classical and literary fitness to complete it. The degree of Bachelor of Divinity is conferred upon all who complete the course to the satisfaction of the Faculty.

2. *The Ph.D. Course.*—By an arrangement with the College of Liberal Arts of this University, the Institute is now able to offer to college graduates a resident course of study leading to the Degree of Doctor of Philosophy. Students are admitted to this course upon terms stated on page 171.

Of the four years required as a *minimum* for the degree of Doctor of Philosophy, three at least must be spent in residence at a theological school of high standing, and the last two at Garrett Biblical Institute.

II. Diploma Courses.

1. *The Greek and Hebrew Course.*—This course is intended for those who desire to read and understand the Scriptures in the original, and yet are not prepared to do the work of the Degree Course. Greek is taught during three years, beginning with the elements. Hebrew is taught during the second and third years, beginning with the elements. The Greek class in exegesis read the Synoptic Gospels and the Acts in the Senior year. The Hebrew class read the poetical books of the Old Testament. In the other departments the work of this course is nearly the same as that for the Degree students.

2. *The Greek and English Course.*—In this course English exegesis is substituted for Hebrew. It is in other respects the same as the Greek and Hebrew Course.

3. *The English Course.*—In this course training in the English Language, in Rhetoric, Logic, and Psychology takes the place of the study of elementary Greek and Hebrew, and English exegesis of the Scriptures is given instead of the study of the poetical books in Hebrew and of the Synoptic Gospels and Acts in Greek. The characteristic work of this course is in charge of Professors Stuart, Hayes, and Eiselen. In the departments of Systematic, Historical, and Practical Theology, Elocution, and Sociology, the

studies of the English Course are the same as in the other diploma courses.

Students who complete either of these courses receive the diploma of the Institute. Three years are required for any one of them. Applicants for admission must present certificates from approved high schools or academies, otherwise they must pass a satisfactory examination in the studies prescribed by the Bishops for those who seek admission to an annual conference. [See Discipline of the Methodist Episcopal Church, 1904, page 430.]

College Graduates enjoy here exceptional advantages. In several departments, conspicuously in the Exegetical and Historical, they are formed into separate classes. They are encouraged and helped to special investigation, and receive from their professors continued personal attention in their chosen line of study. They have access, also, by the courtesy of the University, to any classes of the College of Liberal Arts for which they have time and aptitude, upon the recommendation of the Institute Faculty.

Diploma Students are accorded the largest privilege of election. They may devote their energies to the studies for which they are best adapted, assured that in either of the three Diploma Courses they will receive thorough instruction, be held firmly to high standards, and be trained carefully for the work of the ministry.

METHODS OF INSTRUCTION.

The method of instruction is by recitation and lectures and by free discussion. Great emphasis is laid upon instruction in elocution. Hence a course of training extending through three years is required of those who graduate. It is confidently proposed that every student who completes this work shall acquire a correct, forcible, and graceful style.

In addition to the instruction by recitation, lectures, and free discussions in the classrooms, public lectures and addresses by distinguished persons are also given before the Faculty and students, covering all the topics which relate to the work of Christian scholars and pastors.

LIBRARIES.

The number of volumes in the Institute and University Libraries—the one for daily working use and the other for free reference—is about seventy-five thousand.

Reading-rooms are connected with both libraries, and are supplied with the important dailies, weeklies, monthlies, and quarterlies in general and theological literature.

LITERARY SOCIETIES.

The Literary Department of the Christian Association of the Institute aims to stimulate theological and literary studies by exercises in composition, criticism, and extemporaneous speaking.

The Missionary Department of the Christian Association of the Institute seeks, by its weekly meetings and by occasional public meetings and lectures by returned missionaries and others, to promote information on Home and Foreign Missions, and to keep alive the missionary spirit among the students.

BUILDINGS.

Heck Hall.—The rooms in Heck Hall are in suites, consisting of study, bed-room, and wardrobe, and are furnished with tables, book-cases, bureaus, stands, chairs, bedsteads, and mattresses. Students supply their own pillows, pillow-cases, sheets, bed-coverings, towels, crockery, and small articles.

Memorial Hall.—Memorial Hall contains a large chapel, library, and reading-room, six lecture-rooms, with private rooms for professors, and a fire-proof vault for valuable books and papers. Both halls are heated by steam.

FINANCIAL AID.

Young men who have learned to earn and save money often work their way unaided through college and the theological school. The means of self-help in and around Evanston are but casual; yet a truly earnest and persevering student, with tact and helpfulness, many times finds, and even creates, opportunities for himself. To these help is rendered as far as practicable. Some sixty or seventy appointments for preaching have been made available to competent preachers among the students. Circumstances require that promises of aid shall be made with caution, and to the extent only of the ability to meet them. The institution covets consecrated young men who never quail in the presence of difficulties, and in every practical and useful way its aim is to aid them. The Board of Education of the Methodist Episcopal Church, with headquarters in New York, renders very efficient help by its judicious system of loans.

The Sarah Stewart Fund, yielding four hundred dollars a year, is for the benefit of approved candidates for missionary fields.

EXPENSES.

Tuition and room-rent are free of charge to regularly entered theological students. When occupying a room in Heck Hall, each student is charged an incidental fee of twenty dollars a year, payable half-yearly in advance, for curator's service, fuel for public rooms, and general repairs. When not occupants of Heck Hall, students pay (half-yearly in advance) a fee of five dollars a year.

NOTE.—Rooms in Heck Hall not occupied by regularly entered theological students can be used (subject to rules for conduct and residence) by students recommended for the ministry, who are connected with any of the departments of the University, and who intend to take the theological course in this institution, on con-

dition that each occupant of a room shall pay thirty dollars a year, half-yearly in advance.

For further information and special circulars relating to the Institute, address Garrett Biblical Institute, Evanston, Illinois.

NORWEGIAN-DANISH THEOLOGICAL SCHOOL.

EVANSTON.

REVEREND NELS E. SIMONSEN, A.M., D.D., *Principal.*

This department is established to prepare men for the ministry among the Norwegian and Danish people, and offers its students an opportunity to pursue their theological studies in the English and Norwegian-Danish languages. The course of study extends through three years. Oral and written examinations are held at the close of each year, and those who complete the entire course in the Norwegian-Danish language are granted a certificate.

A close relation exists between Garrett Biblical Institute and the Norwegian-Danish Theological School. By an arrangement formally entered into the students of the latter school may take the entire course of study of the Institute, substituting instruction in one or more branches in their own tongue under Principal Simonsen. Upon the satisfactory completion of the course thus pursued, they will be graduated from the Institute.

Students are received on the recommendation of their respective conferences. A commodious and substantial building, containing dormitories and a dining-hall, has been erected by the Norwegian and Danish people for the use of students of this department.

For information respecting the Norwegian-Danish Department, address Norwegian-Danish Theological School, Evanston, Illinois.

SWEDISH THEOLOGICAL SEMINARY.

EVANSTON.

This school of theology began its work in 1870 at Galesburg, Illinois. In 1882 it attained a permanent home in Evanston, where it is now established in a commodious building, and where facilities exist for obtaining access to the different departments of the University. It is under the supervision of the four Swedish Conferences of the Methodist Episcopal Church in the United States.

It is the only school of its kind in the Methodist Episcopal Church, and from its ranks of students preachers are sent out to nearly every state in the Union. More than one hundred ministers have been educated in the school since its beginning, and are laboring faithfully in different parts of the country.

The aim of the school is to do practical work in helping men toward success in the ministry. It was called into existence to meet the urgent and increasing demands for educated pastors and missionaries among the Swedish population in the United States, which numbers more than a million. Its course of study is broad and practical.

The Seminary is supported by the income from an educational fund, collected mainly among the Swedish Methodist churches in the Northwest.

The regular course of study in the seminary requires four years. The students' progress in their studies is determined by examination, both written and oral; and after a satisfactory completion of the full course they receive the Seminary diploma. There is no charge for tuition.

Students are received on the recommendation of their respective Quarterly Conferences.

For further information, address Swedish Theological Seminary, Evanston, Illinois.

CATALOGUE OF STUDENTS.

1905–1906.

COLLEGE OF LIBERAL ARTS.

CANDIDATES FOR ADVANCED DEGREES AND OTHER GRADUATE STUDENTS.

Fellows.

Blair, Charles Scofield, *Geology*, *Clifton.*
A.B., Northwestern University, 1905.

Cox, Jessie Uretta, *History*, *Fort Dodge, Ia.*
A.B., Northwestern University, 1905.

Fulcher, Gordon Scott, *Physics*, *Evanston.*
B.S., Northwestern University, 1905.

Hohn, Gottlieb Christian, *German*, *Evanston.*
A.B., Central Wesleyan College, 1902.

Hogue, Clara M., *English Literature*, *Evanston.*
Ph.B., Greenville College, 1904.

Resident Graduate Students.

Allen, Joseph Randolph, *Neurology*, *St. Ausgar, Ia.*
B.S., Iowa State Agricultural College, 1899.

Clapper, Orin Levi, *English Literature*, *Mt. Morris.*
A.B., Mount Morris College, 1905.

Cline, Justice H., *Geology*, *Bridgewater, Va.*
A.B., Bridgewater College, 1899.

Corbin, Charles E., *Mathematics*, *Utica.*
A.B., Doane College, 1905.

Crown, Frank Anton, *Biblical Literature*, *North Prairie, Wis.*
A.B., Lawrence University, 1905.

DuBois, Walter Lynn, *Pathology*, *Rockwell City, Ia.*
B.S., University of Iowa, 1902.

Edgar, Thomas Oscar, *Bacteriology*, *Chicago.*
B.S., Northwestern University, 1901.

Ellis, Cora, *German*, *Evanston,*
Ph.B., Northwestern University, 1897.

Ely, Harriott Belle, *English Literature*, *Berwyn.*
Ph.B., Northwestern University, 1902.

Freeark, Frederick A., *Law*, *Chicago.*
A.B., Harvard University, 1893.

Foudrey, Elbertie, *Physics*, *Evanston.*
B.S., Northwestern University, 1903.

Gallup, Henry Victor, *Greek*, *Chicago.*
A.B., Northwestern University, 1904.

George, James William, *History*, *Fulton.*
A.B., Northwestern University, 1905.

Gilbert, Newell Clark, *Pathology*, *De Kalb.*
B.S., University of Wisconsin, 1903.

Gilpin, Margaretta, *History*, *Barry, South Wales.*
A.B., University of South Wales, 1896.

Haman, John William, *Sociology*, *Chicago.*
A.M., Northwestern College, 1901.

Harper, James Robb, *Botany*, *Wilmette.*
A.B., Cedarville College, 1900.

Harris, Alfred Ernest, *English*, *Melrose Park.*
B.S., Northwestern University, 1905.

Hirsch, Arthur Henry, *History*, *Arlington Heights.*
A.B., Cornell College, 1901.

Hogue, Emma Grace, *Greek*, *Evanston.*
A.B., Greenville College, 1899;
A.M., Northwestern University, 1904.

Int Hout, Corneil, *Philosophy*, *Oak Glen.*
B.S., Northwestern University, 1904.

Jampolis, Mark, *Physiology*, *Chicago.*
A.B., University of Michigan, 1903.

Jeffrey, Alexander Balfour, *Physiology*, *Chicago.*
Ph.B., Simpson College, 1902.

Johnston, Myrtle Laminta, *History*, *Joliet.*
A.B., Northwestern University, 1904.

Keith, Gertrude, *Economics*, *Glencoe.*
A.B., Vassar College, 1904.

Kinugawa, Taro, *Economics*, *Nagrya, Japan.*
A.B., Keio College, Tokyo, Japan, 1893;
Ph.B., Hiram College, 1903.

Klemme, Edward J., *Philosophy and Education*, *Butler.*
A.B., Central Normal College, 1893.

Little, Helen Marina, *French*, *Evanston.*
A.B., Woman's College, Baltimore, 1899.

Lundburg, Frank Anthony, *Chemistry*, *Georgetown, Texas.*
A.B., Fort Worth University, 1905.

McLennan, William Etridge, *Sociology*, *Chicago.*
A.B., Northwestern University. 1887; A.M., 1890.

Merubia, Moises, *Zoölogy*, *Iquique, Chili.*
B.S., Northwestern University, 1905.

Parkinson, George Howard, *Semitic Languages*, *Evanston.*
Ph.B., Northwestern University, 1902.

Parks, Albert H., *Physiology*, *Chicago.*
A.B., University of Michigan, 1904.

Patterson, Charles Waggener, *Chemistry*, *Chicago.*
B.S., Northwestern University, 1901.

Pearson, Lucy Helen, *English Language*, *Cincinnati, O.*
A.B., University of Cincinnati, 1905.

Pickard, Rawson Joseph, *Physiology*, *Chicago.*
B.S., University of Wisconsin, 1903.

Pierce, Frances Curry, *English Literature.* *Malta.*
Ph.B., Northwestern University, 1900.

Pollard, Mary Orenda, *Zoölogy*, *Evanston.*
A.B., Middlebury College, 1896.

Ream, Albert Louis, *Chemistry*, *Hampshire.*
B.S., Northwestern University, 1905.

Reithard, Abbie Grace, *Botany*, *Evanston.*
A.B., Northwestern University, 1905.

Schreiber, Charles Henry, *Economics*, *Potter, So. Dak.*
A.B., Northwestern University, 1904.

Seller, William E. W., *New Testament*, *Evanston.*
A.B., Harvard University, 1896.

Smith, Horace Greeley, *Economics*, *Ransom.*
A.B., Northwestern University, 1905.

Sommer, Wilhelmine, *Zoölogy*, *Chicago.*
B.S., Northwestern University, 1905.

Stansell, George Gilbert, *History*, *Grove Oak, Ala.*
A.B., Grant University, 1903.

Stowe, Herman Wilmer, *Law*, *Fort Dodge, Ia.*
B.S., Northwestern University, 1903.

Thomas, Emma Jane, *Botany*, *Chicago.*
B.S., Northwestern University, 1905.

Twining, Granville Howard, *Zoölogy*, *Des Moines, Ia.*
B.S., Northwestern University, 1905.

Walton, Pauline, *English Literature*, *Eugene, Ore.*
A.B., University of Oregon, 1904.

Williams, Elizabeth, *Geology*, *Chicago.*
B.S., Northwestern University, 1905.

Williams, Seymour, *History*, *Evanston.*
A.B., University of Illinois, 1901.

Non-Resident Graduate Students.

Frizzelle, Jacob Wellington, *History*, *Watseka.*
A.B., Northwestern University, 1888; A.M., 1893; B.D., Drew Theological Seminary.

Kleinsmid, Rufus Bernhard, *Pedagogy*, *Greencastle, Ind.*
A.B., Northwestern University, 1905.

Rummell, Owen William, *Greek*, *Bradley.*
A.B., De Pauw University, 1902.

CANDIDATES FOR A BACHELOR'S DEGREE.

Abernethy, Flossie,	B.S.	77	*Spokane, Wash.*
Aishton, Edith,	A.B.	12	*Evanston.*
Albritton, Elmer Sanford,	B.S.	71	*Lewisburg, Pa.*
Allott, Elizabeth Ruth,	B.S.	16	*Wilmington.*
Amidon, Amy,	B.S.	12	*Vandalia, Mo.*
Anderson Anna Olivia,	A.B.	85	*Chicago.*
Anderson, Daniel,	A.B.	17	*Wahoo, Neb.*
Anderson, Ernest Emil,	B.S.		*Donovan.*
Anderson, Lilian Antonia,	A.B.	120	*Evanston.*
Apfelbach, George,	A.B.	66	*Chicago.*
Armitage, Clyde Foster,	A.B.		*Elizabeth.*
Armstrong, Christopher Lawrence,	B.S.	91	*Milan.*
Armstrong, Lucy May,	A.B.	111	*Ottawa.*
Arnold, Frazer,	A.B.		*Warsaw, Ind.*
Aspegren, Oliver Richard,	A.B.	35	*Saronville, Neb.*
Asthalter, Edward Jacob,	B.S.	110	*Muscatine, Ia.*
Auten, Mildred Garvin,	B.S.	102	*Evanston.*
Ayling, John Alford,	A.B.		*Byron, Ont.*
Baird, Winfield Earl,	A.B.	8	*Chicago.*
Baker, Clara Belle,	A.B.		*Evanston.*
Baker, Elsie Margaret,	A.B.	111	*Evanston.*
Baldwin, Alura,	A.B.	7	*Kankakee.*
Ballard, Nellie Alferetta,	B.S.	91	*Morrisville, Vt.*
Banister, Joseph Ray,	B.S.	69	*Ironton, Mich.*
Barker, Elizabeth Groat,	A.B.	15	*Frankfort.*
Barnes. Myrtie Adella,	B.S.	10	*Evanston.*
Barr, Olive Emison,	B.S.		*Princeton, Ind.*
Barrow, Lillian Adelaide,	A.B.	11	*Evanston.*
Bartlett, Edward Clayton,	A.B.	68	*Evanston.*
Bartlett, Lydia Anne,	A.B.	16	*Evanston.*
Beaton, Eleanor,	A.B.	55	*Galena.*
Beaver, Mabel Adeline,	A.B.	113	*Shermerville.*
Beck, Marshall,	A.B.		*Huntington, Ind.*
Becker, Agnes Elizabeth,	A.B.		*Chicago.*
Becker, Gertrude,	A.B.	14	*Chicago.*
Beckington, Lulu Belle,	A.B.		*Belvidere.*
Beers, Alice Nathalia,	B.S.	78	*Holly, Colo.*
Beers, Berthadell,	A.B.	52	*Holly, Colo.*
Beggs, Mary Gertrude,	B.S.	39	*Ashland.*

Bell, Herbert Yeomans,	A.B.	66	*Holly, Col.*
Bell, Lewis Barclay,	A.B.	41	*Holly, Col.*
Bell, Milton Ernest,	B.S.	39	*Channahon.*
Bendix, Earnest Oliver,	A.B.	68	*Chicago.*
Beyer, Albert Ralph,	B.S.	75	*Edgewood, Ia.*
Bickell, Ralph Thomas,	B.S.	21	*Helena, Mont.*
Biddle, Elvertus Franklin,	B.S.	109	*Middleton, Mich.*
Bierer, Idah,	A.B.		*Hiawatha, Kan.*
Bigelow, Stella Imogene,	A.B.	17	*Joliet.*
Blair, Arthur John,	B.S.	103	*Clifton.*
Bishop, Iva May,	A.B.	49	*Toledo, O.*
Blake, Guy Minnich,	A.B.	70	*Chicago.*
Bock, Edna Wilhelmine,	A.B.	56	*St. Joseph, Mo.*
Bogardus, Emory Stephen,	A.B.	55	*Belvidere.*
Bohling, Bernard Stanton,	B.S.	15	*Lewis, Ia.*
Bondurant, Flint,	B.S.	79	*Cairo.*
Bonthius, Andrew,	B.S.	77	*Chicago.*
Boren, John William,	B.S.	13	*Marinette, Wis.*
Boring, Ruth Mary,	A.B.	127	*Chicago.*
Bovard, Edna Louise,	A.B.	103	*Marseilles.*
Bowdle, Frances Burlin,	A.B.	101	*Piqua, O.*
Bowman, Ray Prentice,	B.S.	18	*Evanston.*
Brackett, Robert D.,	A.B.	17	*Sheridan, Mich*
Braden, Edwin Stuart,	B.S.	54	*Preemption*
Bradley, Ella Harriet,	B.S.	74	*Evanston.*
Bragdon, Sara Frances,	A.B.	46	*Evanston.*
Bragg, Everett Eugene,	B.S.	79	*Evanston.*
Bragg, Helen May,	B.S.	15	*Evanston.*
Brawthen, Clara Marie,	A.B.	120	*Chicago.*
Briggs, Charles Alfred,	A.B.	110	*Rockford.*
Brockway, Hermon Lyman,	A.B.	108	*Rawson, N. Y.*
Brodby, Martha Edna,	B.S.	79	*Red Oak, Ia.*
Bronson, Earle Avaun,	A.B.	82	*Evanston.*
Bronson, Ruth,	A.B.	108	*Luverne, Minn.*
Bronson, Walter Teed,	B.S.		*Streator.*
Brown, Edith Grace,	B.S.		*Kankakee.*
Brown, Elsie Mary,	A.B.	50	*Mankato, Minn.*
Brown, Gretta Mariel,	A.B.	18	*Chicago.*
Brown, Gus Scott,	B.S.	81	*Clearfield, Ia.*
Brown, Josephine Charlotte,	A.B.	63	*Niles Center.*
Brown, Vergil Kenneth,	A.B.	42	*Mankato, Minn.*
Bryant, Ethel Frank,	B.S.	70	*Malta.*

Buchbinder, Jacob Richter,	A.B.		*Chicago.*
Buckley, Horace Mann,	A.B.	18	*Wilmington.*
Bullock, Isabel Clifton,	A.B.	78	*Chicago.*
Bunker, Alice Martha,	A.B.		*Woodstock.*
Burdette, James Calvin,	B.S.	16	*Danvers.*
Burdick, Anna Lavinia,	B.S.	85	*Assumption.*
Burg, John Charles,	B.S.	16	*Evanston.*
Burgess, Lucy Rich,	A.B.		*Wenona.*
Burnett, Rebecca Grace,	A.B.	112	*Knoxville, Ia.*
Burr, Harriet Kendall,	A.B.	88	*Chicago.*
Busse, Florence Ethel,	A.B.	49	*Porter, Ind.*
Bussey, Susie,	A.B.		*Evanston.*
Butterfield, Mary Edith,	A.B.	11	*Keokuk, Ia.*
Butz, Florence Julia,	A.B.	92	*Wilmette.*
Cady, Ella Leone,	A.B.	104	*Geneseo.*
Campbell, Gilbert Lewis.	B.S.	14	*Monica.*
Campbell, Jessie,	A.B.		*Coal City.*
Campbell, Marie Louise,	A.B.	36	*Evanston.*
Cannon, Lucile Follett,	A.B.	112	*Chicago.*
Carpenter, Cora Virginia,	A.B.	12	*Evanston.*
Caulkins, Flora Lucy,	A.B.		*Duluth, Minn.*
Chamberlain, Mildred,	A.B.		*Chicago.*
Chapin, Gertrude Frances,	A.B.	34	*Chicago.*
Chase, Martin Rist,	B.S.	75	*Toulon.*
Cheuvront, John Richard,	A.B.	98	*Buckhannon, W. Va.*
Childs, Mary Louise,	B.S.	113	*Evanston.*
Clark, Estelle Osborn,	B.S.	16	*Highland Park.*
Clay, Nelle Edith,	A.B.	8	*Quincy, O.*
Clement, Laura,	B.S.	65	*Joliet.*
Clement, Orin Clark,	A.B.	9	*LaBelle, Mo.*
Clutton, Fred Homer,	A.B.	90	*New Castle, Pa.*
Cocayne, Jesse Peryl,	A.B.	92	*Mediapolis, Ia.*
Cockeram, Alfred Normal,	A.B.		*Menomonie, Wis.*
Cochran, Edith Virginia,	A.B.		*Chicago.*
Coddington, William,	B.S.	112	*Princeton.*
Colby, Guy Irving,	A.B.		*Springfield.*
Collyer, Frank Peter,	B.S.	23	*Chicago.*
Colthurst, Claire,	A.B.	115	*Morris.*
Colvin, Ernest Elmer,	B.S.	103	*Wichita, Kan.*
Cook, Adele,	B.S.		*Evanston.*
Cook, Jennie Maine,	B.S.	15	*Ottumwa, Ia.*
Cook, William Robertson,	A.B.	41	*Evanston.*

Corrie, Carl Milford,	A.B.		*Isabel, Kan.*
Cowles, Ethel Mary,	A.B.		*Burlington, Ia.*
Cowles, Eunice,	A.B.	52	*Hinsdale.*
Cowles, Helen,	A.B.	42	*Des Moines, Ia.*
Cox, Edith,	A.B.	80	*Fort Dodge, Ia.*
Crosier, Gertrude,	A.B.		*Chicago.*
Crossman, Lyman Teele,	A.B.	21	*Evanston.*
Culver, Mary Alma,	A.B.	12	*Fort Collins, Colo.*
Cumnock, Claude,	B.S.	90	*Evanston.*
Curme, George,	B.S.	17	*Evanston.*
Curme, Gertrude,	B.S.	36	*Evanston.*
Curtiss, George Chester,	A.B.	59	*Chicago.*
Dahm, Thomas Matthew,	A.B.	66	*McGregor, Ia.*
Dalbey, Louise Jeannette,	B.S.	16	*Taylorville.*
Dale, Ruth Geraldine,	A.B.	111	*Winnetka.*
Daniels, Lucretia Ellen,	B.S.	98	*Danville.*
David, Charles Wendell,	A.B.	18	*Onarga.*
Davidson, Marie Dorothy,	A.B.	16	*Chicago.*
Davis, Mabel Clare,	A.B.		*Harrisburg, O.*
DeBra, Blanche Katharine,	A.B.	17	*Epworth, Ia.*
Decker, Charles Elijah,	A.B.	106	*Evanston.*
DePue, Earl Bixby,	B.S.		*Manston, Wis.*
Dewey, Perdita Irene,	B.S.	16	*Kenosha, Wis.*
Dickson, Clifford Guy,	A.B.	10	*Pasadena, Cal.*
Dildine, Florence May,	A.B.	11	*Evanston.*
Dines, Charles Ross,	A.B.	49	*Quincy.*
Dines, Lloyd Lyne,	A.B.	116	*Quincy.*
Dixon, Willard Jerome,	B.S.		*Kankakee.*
Dolan, Besse,	A.B.	74	*Chicago.*
Dolbeer, Loverne Ann,	A.B.	121	*Chicago.*
Dolby, Elizabeth Sarah,	A.B.	107	*Chicago.*
Donaldson, Catharine Laura,	B.S.		*Evanston.*
Donn, Clara Belle,	A.B.	77	*Canton.*
Doremus, Paul Harrison,	B.S.		*Chicago.*
Dorner, Pierre Lionel,	B.S.	44	*Evanston.*
Drew, Ruth Elizabeth,	A.B.	102	*Hobart, Ind.*
Duncan, Anna,	B.S.	40	*Lintner.*
Dysart, Ruth Helen,	A.B.	50	*Nachusa.*
Early, Benjamin Blakeman,	A.B.		*Rockford.*
Early, Francis Horn,	B.S.		*Oak Park.*
Eastman, Helen Darling,	A.B.		*Chicago.*
Ebert, John Adam,	A.B.		*Lowell, Ind.*

Eckert, Florence,	A.B.	16	*Mendota.*
Eddy, Harriet Barton,	A.B.		*Medina, O.*
Eddy, Milton Walker,	B.S.		*Medina, O.*
Eilert, Edward Franklin,	B.S.	112	*Baraboo, Wis.*
Eizinger, Alma Catherine,	A.B.	78	*Chicago.*
Eldred, Alice Stanley,	B.S.	108	*Joliet.*
Eldred, Bertha Marguerite,	A.B.	107	*Joliet.*
Ellis, Cora Belle,	A.B.	108	*Lexington.*
English, Arthur Floyd,	B.S.		*Evanston.*
Evans, Donald Winslow,	B.S.		*Peoria.*
Evans, Earle Wesley,	A.B.		*Sidney, O.*
Evans, Julia Farwell,	A.B.	51	*Evanston.*
Falley, George Frederick,	A.B.	17	*Evanston*
Fansler, Dean Spruill,	A.B.	130	*Evanston.*
Fehrman, Manie Eva,	A.B.	120	*Evanston.*
Feipel, Louis Nicholas,	A.B.	44	*Chicago.*
Field, Edward Lewis,	B.S.		*DesPlaines.*
Fisher, Arthur Haberlin,	A.B.		*Ottawa.*
Fisk, Ellen Green,	A.B.	115	*Evanston.*
Fixen, Effie Jennie,	B.S.	84	*Chicago.*
Focht, Carl Francis,	B.S.		*Lockport.*
Fonda, Edith Lois,	A.B.	74	*Berwyn.*
Forrey, LaJeune Churcher,	A.B.	56	*Evanston.*
Foster, Clyde Dewight,	B.S.		*Lowell, Ind.*
Foster, Jessie Lillian,	A.B.	12	*Plano.*
Fowler, Grace Mary,	A.B.	11	*Kankakee.*
Freisen, Henry Jacob,	B.S.	78	*Mt. Lake, Minn.*
Fritze, Margery,	B.S.	14	*St. Joseph, Mich.*
Fry, Alpheus Leland,	B.S.		*Jordan. Ont.*
Fulmer, June,	B.S.	11	*Chicago.*
Fulton, Alice Anette,	A.B.	43	*Bluffton, Ind.*
Gage, Matilda Jewell,	A.B.	15	*Aberdeen. So. Dak.*
Gardiner, Jennie Tryphena,	B.S.	16	*Harvey.*
Gascoigne, Mabel Mortimer,	A.B.		*Evanston.*
Gates, Lloyd Roland,	B.S.	66	*Elgin, Minn.*
Gates, Ruth Helen,	A.B.	45	*Wilmette.*
Gibson, Earle Stewart,	A.B.	15	*Evanston.*
Gibson, Francis Martin	A.B.	61	*Evanston.*
Gilbert, Samuel Harvey,	B.S.		*Armstrong.*
Gilbreth, John Paul,	B.S.	71	*Normal.*
Gilchriese, Louise Mary,	B.S.	87	*Cheboygan, Mich.*
Gillan, Fannie Eva,	B.S.	74	*Wellington.*

Gillett, Orval Trimble,	B.S.	51	*Corning, Ia.*
Gilruth, Henry Augustus,	A.B.	74	*West Plains, Mo.*
Gilson, James Harold,	A.B.	42	*Newton, Ia.*
Glover, Benjamin Curtis,	B.S.	13	*Farmington, Mo.*
Goble, Luther Elmer,	B.S.	11	*Chicago.*
Good, Violette Amy,	B.S.	88	*Chicago.*
Goodsmith, Abbie Gertrude,	A.B.		*Chicago.*
Gorsuch, Edith Irene,	B.S.	73	*Pekin.*
Graeser, Charles Frederick,	B.S.	122	*Evanston.*
Graves, Charles Arthur,	A.B.		*Harlan, Ia.*
Graves, Jeanne Frances,	A.B.	103	*Hinckley.*
Green, Albert Baker,	A.B.	45	*Evanston.*
Green, Colce Fremis,	B.S.		*Newton, Ind.*
Greene, Pearl Stuart,	A.B.	15	Chicago
Greenfield, George Henry,	B.S.		*Athens, Mich.*
Greenough, Frances Pearl,	A.B.	15	*Evanston.*
Griffin, Alice Julia,	A.B.	72	*Stockton.*
Griffin, Erma Alwilda,	A.B.		*St. Joseph, Mo.*
Grigson, Blanche Lenora,	A.B.	110	*Augusta.*
Grimes, Bernard Cromwell,	B.S.		*Manteno.*
Gruner, Mabel Rose,	A.B	11	*Speer.*
Guffin, Alice Idell,	A.B.	15	*Geneseo.*
Gustine, Clifford Clyde,	B.S.	12	*Canton.*
Guthier, Cora,	A.B.	11	*Dunning.*
Haas, Felix Harold,	B.S.		*Butler.*
Hackley, Lillian Parmelia,	B.S.	9	*Newton, Ia.*
Haile, Charles Harry,	A.B.	28	*Evanston.*
Haines, Mary,	A.B.	110	*Chicago.*
Haines, Sarah Elizabeth,	A.B.	15	*Chicago.*
Hall, Eleanor Jean,	B.S.	75	*Evanston.*
Hall, Frances Alys,	B.S.		*Chicago.*
Hall, Rufus Clifford,	B.S.	103	*Chicago.*
Hall, Victor Curtis,	A.B.		*Tuscola.*
Hamilton, Rubey James,	B.S.		*Atlanta, Mo.*
Hammond, Edith,	B.S.	15	*Evanston.*
Hammond, Margaret,	A.B.	112	*Evanston.*
Hammond, Marie,	A.B.	110	*Evanston.*
Handy, Rena Marshall,	A.B.	81	*Evanston.*
Hanna, Forest Walker,	A.B.	15	*Maryville, Mo.*
Hanns, William Harrison,	B.S.	67	*Palatine.*
Hardy, Albert Irving,	A.B.	38	*Sheldon.*
Hardy, Walter Edmund,	B.S.	36	*Sheldon.*

Harris, Charles Malachi,	A.B.		*Leipsic, O.*
Harris, Emily,	B.S.	120	*East Mechias, Me.*
Harris, Grace Margaret,	A.B.	105	*Fort Collins, Col.*
Harrison, Daisy Alberetta,	A.B.		*Winimac, Ind.*
Harrison, Shelby Millard,	A.B.	97	*Leaf River.*
Harter, Olga Helene,	A.B.	99	*Chicago.*
Hartman, Emery Abram,	A.B.	104	*Ashley, Ind.*
Hartman, Raymond Francis,	B.S.	18	*Chicago.*
Harwood, Annie Laird,	A.B.	49	*Evanston.*
Harwood, Corabel Kate.	A.B.	16	*Chicago.*
Harwood, Francis Laird,	A.B.	84	*Evanston.*
Hauck, Frederick August,	B.S.	90	*Chicago.*
Hawley, Melvin Moses,	B.S.	73	*Kingsville, O.*
Hazleton, Mabel Anna,	B.S.	80	*Morrison.*
Head, Cloyd Simmons,	A.B.	46	*Oak Park.*
Heaps, Claude William,	B.S.		*Kewanee.*
Heist, Allen Aaron,	A.B.	39	*Middleville, Mich.*
Hem, Estella Lilia,	A.B.	61	*Oswego.*
Hennessey, Lora,	B.S.	102	*Chicago.*
Heren, Hubert Edmund,	B.S.	15	*Evanston.*
Hermann, Louis Francis,	B.S.		*Marengo, Ia.*
Herstein, Lillian,	A.B.	78	*Chicago.*
Hibberd, Helen L.,	A.B.	50	*South Bend, Ind.*
Hickman, Jesse Dilby,	A.B.		*Evanston.*
Hill, Mabelle Gertrude,	B.S.	108	*Evanston.*
Hinds, Mildred Adele,	B.S.	4	*Lena.*
Hitch, Lola Sevilla,	B.S.	84	*Seaford, Del.*
Hobart, Chauncey Goodrich,	B.S.	15	*Evanston.*
Hobart, Louise,	A.B.	76	*Evanston.*
Hochbaum, Lili Emilie,	A.B.	63	*Chicago.*
Hofmann, Amalia Ida,	A.B.		*Chicago.*
Hogue, Edith,	B.S.	15	*Lodus, Mich.*
Hojo, Rikinosuke,	A.B.	137	*Evanston.*
Hollis, Bessie Mae,	A.B.	59	*Milbrook.*
Holton, Helen Liddell,	A.B.	52	*Indianapolis, Ind.*
Honnold, Charles Edgar,	A.B.	51	*Kansas.*
Hood, Grace Gordon,	A.B.		*Chicago.*
Hood, Winifred,	A.B.	41	*Washington, Ia.*
Horn, Elsie Gertrude,	A.B.		*Evanston.*
Horn, Thomas Paul,	A.B.		*Ogden, Utah.*
Horning, Dorothy,	A.B.	17	*Evanston.*
Horning, Sibyl Eunice,	A.B.	75	*Evanston.*

Horton, Lewis Ray,	B.S.	109	*Littleton.*
Hostetter, John Hull,	B.S.		*Colo, Iowa.*
Howard, George Parkinson,	A.B.	44	*Montevideo, Uruguay.*
Howard, Horace Lee,	A.B.		*Garfield, Wash.*
Hubbard, Edna Amanda,	B.S.		*Rockford.*
*Hubbart, Dwight Conkling,	B.S.	91	*Monticello.*
Hufford, Clarence Valentine,	B.S.		*Monon, Ind.*
Hughes, May,	A.B.	81	*Elburn.*
Hull, Isaac Harvey,	B.S.	16	*Saunemin.*
Hunt, Ava,	A.B.	11	*Evanston.*
Hunter, William Olin,	A.B.	23	*Mitchell, Kan.*
Hurford, Eleanor,	A.B.	41	*Glencoe.*
Imus, Mabel Lola,	B.S.	88	*Mendota.*
Ingels, Gertrude,	A.B.	105	*Lafayette.*
Ingham, Helen,	A.B.	36	*Chicago.*
Isaacson, Caroline Christine,	A.B.	82	*Kankakee.*
Isaacson, Verna Leone,	A.B.	55	*Princeton.*
Isom, Nettie,	A.B.	11	*Kenilworth.*
Jacob, Gotlieb Frederick,	A.B.		*Coshocton, O.*
Jacobson, Edmund,	B.S.	18	*Chicago.*
Jahnke, John Henry,	B.S.		*Eyota, Minn.*
James, George Edgar,	B.S.	114	*Rochester.*
Jenkins, Florence,	B.S.	108	*Chicago.*
Jockisch, Albert Julius,	A.B.	67	*Decatur.*
Johnson, Carl David,	A.B.	54	*Chicago.*
Johnson, Charles John,	B.S.	95	*Evanston.*
Johnson, Edith Ingebore,	B.S.	12	*Clinton, Wis.*
Johnson, James Richard,	B.S.		*Chicago.*
Johnson, Nelson Holden,	B.S.	62	*Box Grove, Ont.*
Johnson, William Arthur,	B.S.		*Chicago.*
Johnston, Lella Melissa,	A.B.	11	*Baraboo, Wis.*
Jolley, Arthur Thompson,	A.B.	43	*Sodus, N. Y.*
Jones, Evelyn,	A.B.	46	*Red Wing, Minn.*
Jones, Nellie Rosemond,	A.B.	8	*Milford.*
Joslyn, Leslie Burritt,	B.S.	18	*Marengo.*
Judkins, Marcia Orilla,	B.S.		*Barnesville, O.*
Julian, Arthur Nelson,	A.B.	73	*Elgin.*
Kean, Gilbert Paul,	B.S.		*Evanston.*
Keith, Alice,	A.B.	76	*Glencoe.*
Kelley, Walter Denman,	A.B.	98	*Cheyenne, Wyo.*
Kercher, Cora Ellen,	A.B.	19	*Goshen, Ind.*

*Deceased, January 7, 1906.

Kercher, John Wesley,	A.B.		*Goshen, Ind.*
Keyes, Marien Musgrave,	A.B.	8	*Chicago.*
Kimber, Mabel Anna,	A.B.	130	*Springfield.*
King, Ida Harriet,	A.B.	105	*Evanston.*
Kingsley, Margaret Appleton,	A.B.	48	*Evanston.*
Kiningham, Robert Baird,	A.B.	9	*Danville.*
Kirk, Ruby Mabel,	B.S.	86	*Kenosha, Wis.*
Kittleman, Earle Buxton,	B.S.	71	*Berwyn.*
Klatt, Helen Otilda,	A.B.	81	*Lincoln.*
Kletzing, Florence Amy,	A.B.	115	*Chicago.*
Kletzing, Kathryn Allegra,	A.B.	15	*Chicago.*
Knapp, Warren Emerson,	B.S.	47	*Evanston.*
Knox, Edith Orilla,	B.S.	15	*Evanston.*
Knox, Ruth,	A.B.	73	*Evanston.*
Konsberg, Edna Matilde,	B.S.	11	*Evanston.*
Kotz, Raymond Castle,	B.S.		*Chicago.*
Krueger, Frances Doris,	A.B.		*Chicago.*
Kueffner, Marye Frances,	B.S.	8	*Chatsworth.*
Kuehl, Celia Pauline,	A.B.	103	*Chicago.*
Laird, Allie Luella,	A.B.	110	*Evanston.*
Lapham, Martha,	B.S.	12	*Chicago.*
Larson, Albertine Marie Elizabeth,	A.B.	18	*Kankakee.*
Larson, Nellie Eugenia,	A.B.	11	*Kankakee.*
Lasecki, Thomas Thad,	A.B.	44	*Chicago.*
Lasher, Grace Estelle,	A.B.	126	*Evanston.*
Latham, Jean,	A.B.	12	*Flatbush, N. Y.*
Law, John Granville,	B.S.	124	*Milton, Kan.*
Leach, Imagarde B.,	A.B.	67	*Chicago.*
Leathers, Ward Gibson,	A.B.	13	*Chicago.*
LeBaron, Mabel Ruth,	A.B.	15	*Evanston.*
LeBaron, Paul Keith,	B.S.	11	*Evanston.*
LeCron, James DeFrees,	A.B.	55	*Evanston.*
Lee, Edwin Ferdinand,	A.B.		*Ossian, Ia.*
Lennox, Edith Alice,	A.B.	14	*Benton Harbor, Mich.*
Lennox, Olive Beatrice,	A.B.	16	*Benton Harbor, Mich.*
Leonard, Howard George,	A.B.		*Wheaton.*
Leonard, Lura Etta,	A.B.		*South Bend.*
Leslie, William Robert,	A.B.		*Tolono.*
Linn, Lena May,	A.B.	76	*Shawnee, Okla.*
Linnell, Carrie Edna,	A.B.		*Belvidere.*
Little, Edith Regina,	A.B.	70	*Evanston.*

Little, Polly Brevoort,	B.S.	117	*Kankakee.*
Lloyd, Nellie Evelyn,	A.B.	58	*Evanston.*
Lockey, John Edgar,	B.S.		*Helena, Mont.*
Lomelino, Grace Eva,	A.B.	84	*Springfield.*
Long, Carl Samuel,	A.B.	74	*Newman.*
Long, Mayme Dee,	A.B.	78	*Cynthiana, Ky.*
Long, Walter Eugene,	B.S.		*Marengo, Ia.*
Long, William Henry,	B.S.	95	*Marshalltown, Ia.*
Loucks, Vernon Reece,	A.B.	58	*Chicago.*
Lovejoy, Eunice Stephens,	B.S.		*Princeton.*
Lowe, Charlotte,	A.B.	31	*Winamac, Ind.*
Lowe, Max Foster,	B.S.	17	*Kewanee.*
Luccock, Edward Halford,	A.B.	106	*St. Louis, Mo.*
Luce, Avice Iona,	A.B.		*Belvidere.*
Lundahl, Mabel Adeline,	A.B.		*Chicago.*
Lutkin, Harris Carman,	A.B.	48	*Evanston.*
Lyon, Edward Rose,	B.S.		*Joliet.*
Lyons, Alice Belle,	A.B.	109	*Ludington, Mich.*
Lyons, Charles,	B.S.		*Alton.*
McCabe, Ruth,	A.B.		*Crawfordsville, Ind.*
McCarthy, June,	B.S.	51	*Chicago.*
McCarty, Laura Frost,	A.B.	61	*Tuscola.*
McCauley, George Vest,	B.S.	43	*Evanston.*
McClure, Charles Sherman,	A.B.		*Wabash, Ind.*
McCoid, Lora Frances,	A.B.	39	*Logan, Ia.*
McConoughy, Edward Marsh,	A.B.	71	*Evanston.*
McCool, Bessie,	B.S.	37	*Chicago.*
McCormick, William Grover,	A.B.		*Tuscola.*
McCulloch, Victor,	B.S.	79	*Evanston.*
McDonald, Eleanor,	A.B.	69	*Topeka, Kan.*
McDonald, Ernest William,	A.B.	50	*Severy, Kan.*
McDonnell, Simon John,	A.B.		*Chicago.*
McGovern, Kathryn,	A.B.	52	*Chicago.*
McGrew, David Randolph,	B.S.	81	*Williams.*
MacGregor, Margaret,	A.B.	16	*Evanston.*
Macdonald, George Buchan,	A.B.	51	*Chicago.*
Macgaffey, Christine,	B.S.	119	*Chicago.*
McIntosh, Eunice May,	B.S.		*Clear Lake, Ia.*
McJohnston, Harrison,	A.B.	77	*Chicago.*
McKee, Beulah Clare,	A.B.	93	*Evanston.*
McNamer, Bruce Ross,	B.S.		*Chicago.*
McPherrin, Howard Chesney,	A.B.	112	*Kansas City, Mo.*

McPherrin, Ruth,	A.B.	15	*Kansas City, Mo.*
MacWilliams, Jennie Elizabeth,	A.B.	16	*St. Charles.*
Mamer, Jacob,	B.S.	31	*Odell.*
Manley, Ethel Gertrude,	B.S.		*Grand Ridge.*
Manson, Egbert Frank,	B.S.	104	*Evanston.*
Marsden, Roger Dearborn,	B.S.	51	*St. Charles.*
Marsh, Clarence Stephen,	A.B.		*Evanston.*
Marsh, Daniel Lash,	A.B.	105	*Fitz Henry, Pa.*
Marsh, Haven Walrath,	B.S.	9	*Evanston.*
Martin, Joshua Blaire,	A.B.	72	*Gifford.*
Martin, May,	A.B.	111	*Chicago.*
Massey, Zeta Lucinda,	B.S.	53	*Chicago.*
Mattison, Robert Spencer,	A.B.	106	*Evanston.*
Mayo, Myrtle,	A.B.		*Chicago.*
Mertz, Maud Louise,	A.B.		*Downer's Grove.*
Mettler, Florence Eliza,	A.B.		*Tiskilwa.*
Meyer, Fred Clifford,	A.B.		*Fargo, No. Dak.*
Miller, Donald Crandon,	B.S.	15	*Evanston.*
Miller, Floyd Cleveland.	A.B.		*Marva.*
Miller, James Wilson,	A.B.		*Winnipeg, Manitoba.*
Miller, Mabel Elizabeth,	B.S.		*Ivesdale.*
Miller, Newton Orville,	B.S.		*Devil's Lake, No. Dak.*
Miller, Robert Ernest,	B.S.	109	*Forest City.*
Minium, Ruth Bower,	A.B.	71	*Kankakee.*
Miranda, Max Garver,	B.S.		*Walkerton, Ind.*
Mock, Roy D.,	B.S.	13	*Kendallville, Ind.*
Monagon, Edith Shurtleff,	A.B.	7	*Chicago.*
Montague, Pearl,	A.B.		*Chicago.*
Montgomery, Edward Garfield,	B.S.		*Ireton, Ia.*
Moore, Blanche Baldwin,	A.B.	39	*Chicago.*
Moore, Gerard Grattan,	A.B.	11	*Winnetka.*
Moore, Vernette Belle,	B.S.		*Grayslake.*
Morford, Raymond Sparks,	A.B.	106	*Evanston.*
Morgan, Lydia,	B.S.		*Elwood.*
Morris, Mate Loduska,	A.B.		*Oskaloosa, Ia.*
Moss, Joseph Lincoln,	B.S.	108	*Chicago.*
Mueller, Josephine Mary,	A.B.	51	*Wilmette.*
Mulder, Ritz,	B.S.		*Rose Lawn, Ind.*
Murdock, Mora,	A.B.	33	*Streator.*
Murphy, Walter Waugh,	A.B.		*Iola, Kan.*

Nagley, Frank Alvin,	A.B.	73	*Sheldon.*
Neeld, Alice,	A.B.	45	*Evanston.*
Neely, Clara Grace,	A.B.	29	*Evanston.*
Neely, Ruth,	A.B.	75	*Evanston.*
Nelson, Lulu Irene,	A.B.	67	*Chicago.*
Nelson, Sophie May,	A.B.	106	*Chicago.*
Nelson, Victor Emanuel,	B.S.	52	*Evanston.*
Nesbitt, Orpha Ellen,	B.S.	99	*Pawnee City, Neb.*
Nichol, Roscoe Everett,	B.S.		*Kirkman, Ia.*
Nickell, Clarence Oliver,	B.S.	32	*Beatrice, Neb.*
Niehoff, Hattie Antonia,	A.B.	82	*Chicago.*
Norris, John Hiram,	B.S.	48	*Fairchild, Wis.*
Northrop, Frances M.,	B.S.	102	*Woodstock.*
Northrop, James Whitney,	B.S.	39	*Woodstock.*
Norton, Julia Ellen,	A.B.		*Evanston.*
Norton, Louise Werneburg,	A.B.	107	*Evanston.*
Nortrup, Mabel Bernice,	A.B.	12	*Havana.*
Nuttall, Everett Franklin,	B.S.		*Flat Rock.*
Nye, John Aaron,	A.B.	106	*Essex, Ia.*
Nysewander, Bertha Elizabeth,	B.S.	66	*Des Moines, Ia.*
Ode, Ella,	A.B.	101	*Chicago.*
O'Farrell, Thomas Arch,	A.B.		*Pana.*
O'Grady, Agnes Jane,	B.S.	76	*Manitowoc, Wis.*
Oleson, Chris Jacob,	B.S.	104	*Duncombe, Ia.*
Olson, Jeanne Emilie,	A.B.		*Chicago.*
Onken, Amy Burnham,	A.B.	41	*Chapin.*
Orem, Bernadette Rose,	A.B.	50	*Chicago.*
Orem, Leonora Mary,	A.B.	107	*Chicago.*
Osborne, Maude,	A.B.	107	*Scranton, Ia.*
Paddock, Gladys,	A.B.	37	*Prophetstown.*
Page, Laura Gertrude,	A.B.	102	*Correctionville, Ia.*
Pancoast, Carrie Lind,	A.B.	16	*Trenton, Mo.*
Parkinson, Jane Bradford,	A.B.	89	*Evanston.*
Parks, Charles Gilbert,	B.S.		*Chicago.*
Parks, Sarah Rush,	B.S.	97	*Siloam Springs, Ark.*
Patten, Emma Theodosia,	A.B.	107	*Evanston.*
Patton, Ambler Baxter,	B.S.	52	*Ogden, Utah.*
Payer, Josephine,	B.S.	70	*River Forest.*
Payne, Mabelle Agnes,	B.S.		*Mount Pleasant, Ia.*
Pease, Hallie Anna,	A.B.	14	*Chicago.*
Peck, Caro Beth,	A.B.	56	*Evanston.*

Pennington, Hortense Evelyn,	A.B.		*Mediapolis, Ia.*
Peterson, Abe Rudolph,	B.S.	10	*North Judson, Ind.*
Peterson, George Turner,	B.S.	30	*Geneseo.*
Peterson, Hildur Eveline,	A. B.	102	*Chicago.*
Pierce, John Alexander,	B.S.		*Elkhorn, Wis.*
Pierson, Grace Lou Ella,	A.B.	71	*Princeton.*
Pietsch, Dorothea Johanna, Sophie,	A.B.	45	*Chicago.*
Piper, Carolyn,	A.B.	47	*Berwyn.*
Plagge, Herbert John,	B.S.	110	*Barrington.*
Pollock, Elizabeth Mae,	A.B.	91	*Dallas, Ore.*
Pollock, Samuel Edgar,	A.B.	53	*Evanston.*
Pool, Lloyd Herbert,	A.B.		*Earlville.*
Pope, Arthur Wellington,	B.S.		*Morton Park.*
Pope, Edwina Lydia,	A.B.	50	*Evanston.*
Porter, Thomas Lansing,	B.S.	73	*Evanston.*
Post, Clara May,	A.B.	18	*Evanston.*
Potter, Frank Ohr,	B.S.	43	*Evanston.*
Potter, Katharine Aline,	A.B.		*Los Angeles, Cal.*
Poutra, Elmer Harry,	B.S.	66	*St. Anne.*
Powers, Myra,	A.B.	107	*Chicago.*
Prindle, Catherine Sarah,	A.B.	107	*Bon Air, Va.*
Proctor, Georgia,	A.B.	55	*Chicago.*
Purcell, Daisy,	A.B.	41	*Polo.*
Rader, Allen Ferguson,	A.B.	53	*Evanston.*
Rader, Lucile,	A.B.	69	*Evanston.*
Rainbow, Elizabeth,	A.B.		*Murphysboro.*
Ramsey, Edna May,	A.B.	80	*La Salle.*
Randall, Helen Grace,	A.B.	39	*Huntley.*
Rape, Chester Bertram,	A.B.	43	*Taylorsville*
Raymond, Miner,	B.S.	79	*Evanston.*
Redelings, Leslie Hall,	B.S.	14	*Marinette, Wis.*
Rech, Gilbert Henry Andrew,	A.B.	109	*Chicago.*
Reed, Frank Nelson,	B.S.	122	*Reed.*
Reisner, Lewis Alpheus,	B.S.	69	*Sterling.*
Reiter, Edward Field,	A.B.		*Evanston.*
Richmond, Gertrude Marion,	B.S.	50	*Glencoe.*
Riddell, Earle Stewart,	B.S.	103	*Salem, Ore.*
Ritter, Paschal Stone,	B.S.	7	*St. Louis, Mo.*
Roberts, Charles Samuel,	B.S.	65	*Evanston.*
Roberts, Edward Brown,	A.B.	10	*Coshocton, O.*

Roberts, Lloyd Ruby,	B.S.	67	*Adel, Ia.*
Rocheleau, George Alexander,	B.S.		*Chicago.*
Rodgers, Adelina Patti,	A.B.	109	*Charleroi, Pa.*
Roessler, Elise Eugenia,	A.B.	59	*Chicago.*
Roessler, Elsa Augusta,	A.B.	120	*Chicago.*
Rogers, Mary,	A.B.	69	*Chicago.*
Rogers, Myrtle Hoover,	A.B.	41	*Oak Park.*
Romans, John Brown,	B.S.	92	*Denison, Ia.*
Rommel, Jasper Frederick,	B.S.	87	*Bloomington.*
Roome, Elsie Charlotte,	A.B.	104	*Berwyn.*
Root, Ralph Waldo,	B.S.	53	*Galva.*
Rosine, Howard Myron,	B.S.	104	*Evanston.*
Royal, Clifton DeBeVoise,	A.B.	116	*Des Moines, Ia.*
Russell, Josephine Sleight,	A.B.	103	*Chicago.*
Rutledge, Lucy Askins,	B.S.	13	*Chicago.*
Rutt, Albert Benjamin,	A.B.	104	*Goshen, Ind.*
Rutt, Eli Jacob,	A.B.	103	*Goshen, Ind.*
Ryden, Gertrude Gibbs,	B.S.	120	*Evanston.*
Sanders, Amy,	B.S.	11	*Evanston.*
Sanders, Isabella,	A.B.	15	*Ottawa.*
Sargisson, Zaccheus Eugene,	B.S.	116	*Berwyn.*
Schafer, Elmer John,	A.B.	80	*Melvin.*
Schaff, Emily,	B.S.	30	*Chicago.*
Scheftel, Yetta Molly,	A.B.	119	*Chicago.*
Schell, Louise Elizabeth,	A.B.	11	*Crawfordsville, Ind.*
Schendel, Chrissie Mabel,	A.B.	104	*Princeton.*
Schroeder, Helen Theresa,	B.S.	19	*Joliet.*
Scott, Harold Holmes,	A.B.	24	*Chicago.*
Scott, Isaac Irving,	B.S.	68	*Waipukuran, New Zeal.*
Scott, Rae Emma,	A.B.	105	*Evanston.*
Scott, Thomas,	B.S.	109	*Onarga.*
Scoggan, Berenice,	B.S.	9	*Wellington.*
Seaton, N. Fay,	A.B.	51	*Jewell, Kan.*
Seebach, Marie,	B.S.		*Peru.*
Seeberger, Hugh Alexander,	A.B.	4	*Newton, Ia.*
Seed, Emily Rhoda,	B.S.	112	*Mount Vernon.*
Seineke, Agnes,	A.B.	16	*Reedsburg, Wis.*
Shannon, Ethel Estelle,	B.S.	103	*Minneapolis, Minn.*
Shannon, Mabel,	B.S.	42	*Minneapolis, Minn*
Shannon, Wiley James,	B.S.	39	*Minneapolis, Minn.*
Shauver, Fred Ferdinand,	B.S.	67	*Nettleton, Ark.*
Shedd, Alice Emeline,	A.B.	78	*Rensselaer, Ind.*

Shepard, William Odell,	A.B.	61	*Chicago.*
Shepard, Queen Lois,	A.B.	79	*Pueblo, Colo.*
Shibley, Alfred Erle,	B.S.	102	*St. Charles.*
Shirky, Samuel Mohler,	A.B.		*Narborne, Mo.*
Shumway, John Magann,	B.S.	15	*Evanston.*
Shute, Sarah Carlton,	B.S.	77	*Coon Rapids, Ia.*
Siberts, Winifred,	A.B.	37	*Evanston.*
Simpson, Nelle Eunice,	B.S.		*Evanston.*
Singleton, James Herbert,	B.S.		*Buckley.*
Skelsey, Albert Wesley,	B.S.	110	*Fargo, No. Dak.*
Slocum, John Ainslie,	A.B.	98	*Chicago.*
Smart, Gertrude Mills,	A.B.	102	*Payson.*
Smart, Willard C.,	B.S.		*Fort Smith, Ark.*
Smith, Arthur Bunker,	B.S.		*Evanston.*
Smith, Dennis Vincent,	A.B.		*Petoskey, Mich.*
Smith, Florence Lillian,	A.B.	17	*Chicago.*
Smith, Frank Earl,	B.S.	4	*Seneca, Kan.*
Smith, Hazel May,	A.B.		*Stevensville, Mich.*
Smith, Robert Jason,	B.S.	61	*Evanston.*
Smith, Sarita Priscilla,	B.S.		*Wooster, O.*
Smoot, Harold Lyman,	A.B.	12	*Petersburg.*
Smoot, William Clay,	B.S.	87	*Petersburg.*
Smothers, Arthur Elton,	B.S.	106	*Rossville.*
Smothers, Edgar Raymond,	A.B.	15	*Rossville.*
Snell, Lila Henrietta,	B.S.	105	*Chicago.*
Snell, Roy Waldo,	B.S.	103	*Ida Grove, Ia.*
Snell, Thaddeus Stevens,	B.S.	63	*Ida Grove, Ia.*
Snyder, Helen Louise,	A.B.	46	*Freeport.*
Sohrbeck, Henrietta,	A.B.	107	*Moline.*
Sowers, Alva Boyd,	B.S.		*Genoa.*
Sparks, Mary Madge,	A.B.	16	*Marshalltown, Ia.*
Sparling, James Russell,	B.S.		*Henry.*
Sparling, Sylvester,	B.S.	87	*Evanston.*
Speck, Florence,	A.B.	77	*Oak Park.*
Sproul, Frederic Good,	B.S.	34	*Warren, Ind.*
Stahl, Floyd,	A.B.	54	*Fowler.*
Standiford, Lucille D.,	B.S.	55	*Onarga.*
Stanton, Alvord Cooper,	B.S.	51	*Richview.*
Sterling, Georgina Rae,	A.B.	47	*Red Wing, Minn.*
Sterrett, Marion,	A.B.	106	*Washington, Pa.*
Stockley, Florence Alberta,	A.B.	101	*Evanston.*
Stoll, Rhea Effie,	A.B.	54	*Chicago.*

Stonier, Bess Olive,	A.B.	22	*Toulon.*
Stout, Winifred Luella,	A.B.	90	*Hurley, So. Dak.*
Stoutmeyer, Margaret,	A.B.	112	*Onarga.*
Stowe, Ethlyn Bernice,	A.B.		*Belvidere.*
Strattan, Chauncey,	B.S.	74	*Mount Vernon.*
Strawson, Arthur Joseph,	A.B.		*Evanston.*
Sutter, Jessie Veronica,	A.B.	80	*Chicago.*
Swaney, Bertram Garfield,	A.B.	57	*Marengo, Ia.*
Swift, George Hamilton,	A.B.	11	*Chicago.*
Switzer, Bertha Katherine,	A.B.		*Otterbein, Ind.*
Sylvester, Donald Bernard,	A.B.	9	*Mediapolis, Ia.*
Tanquary, Helen G.,	A.B.	15	*Pontiac.*
Taylor, Helen Carolyne,	A.B.	13	*Evanston.*
Taylor, Myron Eugene,	B.S.	103	*Barrow, Wis.*
Taylor, Paul Moore,	A.B.		*Huntington, Ind.*
Taylor, Ralph Clarence,	B.S.		*Evanston.*
Taylor, William James,	B S.		*Evanston.*
Thistlewood, Leila,	B.S.	110	*Cairo.*
Thompson, George Franklin,	B.S.		*Jacksonville, Fla.*
Thompson, Mabel Warner,	B.S.	74	*Ottawa.*
Timberlake, Jeanette Emma,	B.S.	9	*Chicago.*
Tink, Edmund Walter,	A.B.		*Columbus Grove, Ont.*
Tomlinson, Jay Talmage,	B.S.	43	*Box Grove, Ont.*
Townsend, Lowell Leslie,	A.B.		*Remington, Ind.*
Trask, Helene Bates,	B.S.	12	*Ottawa.*
Traxler, Bina Mae,	A.B.	83	*Evanston.*
Trelease, Ella,	A.B.	102	*Sheldon.*
Tubbs, Eston Valentine,	B.S.	11	*Rossville.*
Tucker, James Dustin,	A.B.	8	*Harvey.*
Turner, Jay Boyd,	A.B.		*Le Roy, Ind.*
Turner, Mary Maurine,	A.B.		*Winona.*
Uhe, Louis August,	B.S.	46	*Winnetka.*
Umble, John Sylvanus,	A.B.	15	*West Liberty, O.*
Vest, Nina Eleanor,	A.B.	108	*Montezuma, Ia.*
Virden, Harry Lee,	A.B.	25	*Pecatonica.*
Vivian, Hilda Mary,	A.B.	72	*Bradford.*
Voight, Mary Sophia,	A.B.	104	*Kankakee.*
Walker, Flora Cel,	B.S.	16	*Clyde.*
Wallace, Florence Victoria,	B.S.	83	*Chicago Heights.*
Wallace, Ralph C. J.,	A.B.		*Homer.*
Walraven, Vera Fae,	A.B.	57	*Lyons, Ia.*
Watkins, Axie Dell,	B.S.	79	*Petersburg.*

Watson, Charles Hamilton,	A.B.		*Monon, Ind.*
Watson, Georgie Louisa,	A.B.	12	*Wilmette.*
Watson, Lewis Martin,	A.B.		*Monon, Ind.*
Welch, Helen Wikel,	A.B.	42	*Clarinda, Ia.*
Wells, Alfred Burman,	A.B.	18	*Maryville, Mo.*
Wermuth, William Charles,	B.S.	37	*Chicago.*
West, Sidney Walton,	A.B.	50	*Hydraulic, Va.*
Weston, Frederick Albert,	A.B.	19	*Evanston.*
Wheeler, Lulu Agnes,	B.S.	47	*Detroit, Mich.*
Wheelock, Grace,	B.S.	60	*Wilmette.*
White, Annie Lucile,	A.B.	92	*Effingham.*
White, Esther Lucy,	A.B.	41	*Hebron, Ia.*
Whiteside, Loring James,	A.B.	17	*Evanston.*
Whitmore, Maude Decelle,	A.B.	10	*Ottawa.*
Whitney, Charles Edward,	B.S.		*Independence, Ia.*
Whitson, Thomas Merrick,	A.B.	50	*Evanston.*
Wilberton, Laura,	A.B.	106	*Winona, Minn.*
Wilcox, Lottie B.,	B.S.		*Minonk.*
Wilcox, Muriel Estelle,	A.B.	11	*Hammond, Ind.*
Wilkinson, James Garfield,	B.S.	100	*Toulon.*
Wilkinson, Nellie,	B.S.	72	*Toulon.*
Willett, George Henry,	A.B.		*Evanston.*
Williams, Delia A.,	B.S.		*Augusta, Wis.*
Williams, Henry Dwight,	B.S.		*Raymond Neb.*
Williams, John Corkhill,	B.S.	16	*Chicago.*
Williams, Laura,	A.B.	105	*N. Yakima, Wash.*
Wilson, Leon Theodore,	B.S.		*Chili, Ind.*
Wilson, Nelle Mae,	A.B.	9	*Macomb.*
Wilson, William Cleveland,	B.S.		*Belfast, O.*
Wishard, Glen Porter,	B.S.	78	*Rensselaer. Ind.*
Witter, John H.,	B.S.	108	*Greenview.*
Woltman, Josephine R.,	A.B.		*Quincy.*
Wood, Cassius Hiram,	B.S.	102	*Cass City, Mich.*
Wood, Louise Farrow,	A.B.		*Hammond, Ind.*
Woodmansee, Ada Leigh,	B.S.	45	*Evanston.*
Wright, Frederick Thomas,	B.S.		*Oak Park.*
Wulff, Virginia Jeannette,	A.B.	121	*Kenosha, Wis.*
Young, Arthur Edwin,	A.B.	116	*Evanston.*
Youngs, Lucille Maude,	A.B.		*Rockford.*
Yount, Sarah,	A.B.	79	*Crawfordsville.*
Zachman, Martha Mae,	A.B.	75	*Oregon, Mo.*
Zimmerman, Grace Blanche,	A.B.	16	*Elgin.*

NOT CANDIDATES FOR A DEGREE.

Special Students.

Adams, Elizabeth Erving,	*Chicago.*
Anable, Anna Marie,	*Chicago.*
Andrus, Martha Louise,	*Batavia.*
Arthur, Lois,	*Chicago.*
Baker, George Cornelius,	*West Pullman.*
Bigelow, Marguerite Ogden,	*Evanston.*
Brown, Ethel Elta,	*Canton.*
Brown, Clara Gertrude,	*Trinidad, Col.*
Brown, John Roscoe,	*Grant, Mich.*
Brown, Helen Dunham,	*Evanston.*
Brown, Mary Louise,	*Emmetsburg, Ia.*
Butler, Lulu Elizabeth,	*Evanston.*
Butterfield, Charles Edwin,	*Belvidere.*
Callagan, Rilla May,	*Sheridan.*
Campbell, Helen Gertrude,	*Cleveland, O.*
Childs, Janet Innes,	*Evanston.*
Coffey, Roy Calhoun,	*Newman.*
Coggeshall, Ruth,	*Chicago.*
Cooley, Reba Louise,	*Evanston.*
Culver, Anna Evaline,	*Chicago.*
Daniel, Charles Gillian,	*Vandalia, Mo.*
DeLang, Jessie,	*Glencoe.*
DeVine, Owen Crippen,	*Evanston.*
Dickinson, Frank Leroy,	*Boston, Mass.*
Diven, Thomas Carlyle,	*Chicago.*
Dolliver, Margaret,	*Evanston.*
Dondanville, Lydia Beatrice,	*Sheridan.*
Doolittle, Aimee,	*Evanston.*
Ellis, John Howard,	*Chicago.*
Embree, Mary Hannah,	*Chicago.*
Essig, Alice,	*Elkhart, Ind.*
Finley, Faye,	*Hoopeston,*
Gallagher, Marguerite Sterling,	*Chicago.*
Goldberg, Minnie,	*Chicago.*
Griffin, Una Genevieve,	*Kenosha, Wis.*
Hansen, George C.,	*Chicago.*
Hardy, John Elmer,	*Sheldon.*
Harry, Edythe Estella,	*Watseka.*

Hickman, Pearl,	*Hoopeston.*
Holland, Leila,	*Pontiac.*
Hopkins, Emma Berdette,	*Independence, Ia.*
Howe, Halbert Howard,	*Evanston.*
Huttner, Ruby Leon,	*Chicago.*
Jones, Rhys Price,	*Chicago.*
Joseph, John Phillip,	*Moline.*
Kandlik, George,	*Chicago.*
Lawson, Blanche Belle,	*Chicago.*
Light, Herbert Walter,	*Evanston.*
Linder, Bess,	*Mattoon.*
Loomis, Grace May,	*Osborne, Kan.*
Lothrop, Laura Yates,	*Wichita, Kan.*
McWilliams, Edward,	*Chicago.*
Maddux, Delia May,	*Rosedale, Kan.*
Maunders, Joseph Ernest,	*Brussells, Ont.*
Meiswinkel, Leola,	*Chicago.*
Mercer, Ida Emogene,	*La Moille.*
Miller, Helen Mary Adelyne,	*Evanston.*
Morheiser, William Matthew,	*Chicago.*
Morton, Alexander Robert,	*Cambridge, Wis.*
Murphy, Leonard J.,	*Fairland.*
Nickerson, Eva Waters,	*Onarga.*
Nickerson, Ralph Brown,	*Everett, Mass.*
Odell, Frank Iglehart,	*Evansville, Ind.*
Parisoe, George Edward,	*Danville.*
Potter, Harry Rice,	*Leaf River.*
Prudden, Gladys George,	*Chicago.*
Raitt, Effie Isabel,	*Evanston.*
Read, Edna Pearl,	*Piper City.*
Richards, Frances Rebecca,	*Evanston.*
Robertson, Genevieve Adele,	*Sheridan.*
Rood, Dwight Alpheus,	*Lapeer, Mich.*
Sharp, Thomas Sweeney,	*Birmingham, Ala.*
Shepardson, Elizabeth Saggett,	*Evanston.*
Sherer, Katherine May,	*Evanston.*
Six, Rollo,	*Perry.*
Smith, Verna Ethel,	*Montezuma, Ia.*
Solverson, Hilda,	*Oconomowoc, Wis.*
Somerville, Esther,	*Evanston.*
Springer, William Mason,	*Palmyra, Mo.*

Stearns, Marion Landers,	*Chicago.*
Steele, Ethel Drusilla,	*Tulsa, Ind. Ter.*
Summer, Florence,	*Chicago.*
Thompson, Thomas Eugene,	*Wilmette.*
Todoroff, Alexander,	*Chicago.*
Tracy, Howard VanLinderen,	*Evanston.*
Turner, James Andrew,	*Chicago.*
Utsunomiya, Jo Ishitaro,	*Tokyo, Japan.*
Vawter, Cora Catherine,	*Evanston.*
Wendland, Charles John,	*Chicago.*
Wilson, Catherine Viola,	*Evanston.*
Woodmansee, Cicero McGown,	*Evanston.*

Academy Students Doing Some Work in College.

Bankson, John Harvey,	*Evanston.*
Bucher, Claude Earl,	*Winslow.*
Burke, William Warren,	*Cairo.*
Davis, Sissilla Amy,	*Evanston.*
DeLacy, John Hannan,	*Evanston.*
Erickson, Chester,	*Evanston.*
Foster, Melissa Elmore,	*Evanston.*
Gessner, Fred William,	*Macomb.*
Glogauer, Paula Marie,	*Chicago.*
Gray, Herbert Weir,	*Chicago.*
Hardin, Floyd Barnes,	*Rockford.*
Harkness, Cornelia,	*Chicago.*
Jefferson, Matthew Moore,	*Bristol, Tenn.*
Johnson, Ruth Ethel,	*Chicago.*
Langdon, Ernest Heber,	*Monticello.*
Lyford, Edna Clarissa,	*Pt. Byron.*
Mahon, Robert James,	*Mt. Carmel.*
Mayfield, Otto,	*Potomac.*
McConoughey, Artha May,	*Evanston.*
Patten, Helen Prindle,	*Evanston.*
Pooley, Eleanor Gertrude,	*Chicago.*
Ralston, Florence,	*Evanston.*
Schwab, Elizabeth,	*Brooklyn, N. Y.*
Smith, Roland Earl,	*Sandwich.*
Spencer, William Anson,	*Philadelphia, Pa.*
Tallefson, Theodore Maurice,	*Brooklyn, N. Y.*
Wiggin, Albert Howard,	*Plano.*

Wise, Ben Elliott,	*Little Rock.*
Works, Samuel Dwight,	*Evanston.*

Music Students Doing Some Work in College.

Ahlers, Helene Adele,	*Bellevue, Ia.*
Andrews, Rolla M.,	*Woodstock.*
Barlow, Harriet,	*Dixon.*
Beebe, Florence Dier,	*Hampton, Ia.*
Benson, Stella Lyda,	*Ottawa.*
Brainard, Adeline,	*Harvard.*
Coale, Helen Rossiter,	*Highland Park.*
DeGroff, Hazel Lorune,	*Spring Valley.*
Eckert, Lillie,	*Woodstock.*
Girton, Edith,	*Madison, So. Dak.*
Hopwood, Grace Bell,	*Evanston.*
Kennedy, Alice Lucile,	*Woodstock.*
Kuhn, Ethel Laura,	*Audubon, Ia.*
LeCompte, Myrtle Eugenie,	*Ottumwa, Ia.*
Marsh, Alice Emily,	*Mt. Pleasant, Mich.*
Mercer, Ida Emogene,	*La Moille.*
Newell, Sadie Marie,	*Kanawha, Ia.*
Parsons, Hannah Bertha,	*Tipton, Ia.*
Reynolds, Eva Jane,	*Bolivar, N. Y.*
Smith, Elva,	*Correctionville, Ia.*
Smith, Pearl Estella,	*Montezuma, Ia.*
Squire, Walter Edmund,	*Chicago.*
Stults, Walter Allen,	*Evanston.*
Sutton, Eva Nagle,	*West Lafayette, Ind.*
Thiers, Christine,	*Mt. Pleasant, Mich.*
Thom, Elizabeth,	*Correctionville, Ia.*
Vernon, Edith Phelps,	*Sandwich.*
Watkins, Anna Marie,	*Princeton.*

Students from Garrett Biblical Institute.

Gates, John R.,	*Evanston.*
Le Baron, Ira,	*Evanston.*

THE MEDICAL SCHOOL.

SENIOR CLASS.

Allen, Joseph Randolph, *Iowa.*
B.S., Iowa State College of Agriculture.

Allen, Robert Aurand, *Iowa.*
A.B., Beloit College.

Baker, Carl, *Illinois.*

Barlow, Claude Heman, *Michigan.*

Barrett, James Dennis, *Minnesota.*
A.B., Indiana State University.

Barry, Joseph David, *Nebraska.*
B.S., University of Nebraska.

Beardsley, John Wallace, *Indiana.*

Black, Andrew E., *Illinois.*

Blood, Roscoe Paramore, *Illinois.*

Booker, Arthur John, *Texas.*

Boyden, Frank Edson, *South Dakota.*
B.S., Ph.G., So. Dakota Agricultural College.

Brooks, Overton, *Kentucky.*

Bruins, Dirk, Jr., *Wisconsin.*
A.B., Ripon College.

Burke, Charles B., *Iowa.*

Burton, Edgar Curtis, *Illinois.*

Cammack, William, *Iowa.*

Chapline, Frank Le Roy, *Illinois.*

Cohn, Eugene, *Illinois.*
M.D., Barnes Medical College.

Conover, John Lindsay, *Wisconsin.*

Coole, Thomas Henry, *Kansas.*
A.B., Baker University.

Corwin, Charles T., *Indiana.*

Crist, Otto H., *Indiana.*

Culbertson, Fred David, *Iowa.*

Dailey, Ulysses Grant, *Texas.*

DeKleine, William, *Michigan.*
A.B., Hope College.

Dietrich, Lewis Samuel, *Iowa.*
Ph.B., Simpson College.

Donohue, Eugene Joseph, *Wisconsin.*

Driscoll, James Patrick, *Wisconsin.*

DuBois, Walter Lynn, *Iowa.*
B.S., State University of Iowa.

Duntley, George Silas, *Illinois.*
Ph.G., Northwestern University.

Easton, Milo Tripp, *Illinois.*

Fenton, Ralph Albert, *Oregon.*
A.B., University of Oregon.
Foster, Edwin Tobias Henry, *Ohio.*
Frush, Henry Lincoln, *Iowa.*
B.S., Parsons College.
Gill, George Patrick, *Illinois.*
Grant, William Robert, *Illinois.*
Green, John Albert, *Illinois.*
Haas, Raoul Robert, *Illinois.*
M.D., Chicago Homeopathic Medical College.
Hall, Herbert Edward, *Ohio.*
A.B., Otterbein University.
Hand, William Cory, *Iowa.*
Haugen, Hans, *North Dakota.*
Haury, Samuel David, *Kansas.*
Hayes, Richard, *Ireland.*
Heath, Clifford Jackson, *Wisconsin.*
Hendricks, Hiram Porter, *Illinois.*
Hershfield, Alexander Sandor, *Illinois.*
Hoagland, Charles Clinton, *South Dakota.*
A.B., University of South Dakota.
Hochrein, George Walter, *Wisconsin.*
Hohf, Julius Amos, *South Dakota.*
Holliday, Oliver Morton, *Kansas.*
M.D., University of Kansas.
Hottinger, Erwin Stauer, *Illinois.*
Hubbard, John Hyrum, *Utah.*
Hughes, John Elmer, *Missouri.*
Hutcheson, Bellenden Seymour, *Illinois.*
Iddings, John Warren, *Indiana.*
Ingham, Cecil, *Indiana.*
Ingraham, Eben Russell, *Pennsylvania.*
James, Lora Douglas, *Iowa.*
Jampolis, Mark, *Illinois.*
A.B., University of Michigan.
Jeffrey, Alexander Balfour, *Iowa.*
Ph.B., Simpson College.
Jeffries, Willard Guy, *Iowa.*
Jones, Edward William, *Iowa.*
Keyser, Ralph Emmert, *Illinois.*
Lehrbach, Lester Martin, *Wisconsin.*
Lister, William Weaver, *Illinois.*
Lewison, Maurice, *Illinois.*
Long, Walter Klingeman, *Nebraska.*
B.S. University of Nebraska.
Lynch, Robert James, *Iowa.*

McGovern, John, *Wisconsin.*
Melster, William, *Wisconsin.*
Merrill, Preston Reynolds, *Utah.*
Meyers, Harry Louis, *Illinois.*
Miller, George Alexander, *Washington.*
Moeller, Frederick William, *Illinois.*
Moes, Mathias Joseph, *Iowa.*
Moore, Leroy Scott, *South Dakota.*
Moreland, Wilber, *Illinois.*
Munn, Wayne Alonzo, *Illinois.*
Murphy, John Harvey, *Illinois.*
B.S., Knox College.
Napheys, William Davison, *Illinois.*
Nauth, Daniel Fredericke, *Wisconsin.*
Nelson, Nels Christian, *Oregon.*
Noble, Frederick William, *Michigan.*
M.D., Saginaw Valley Medical College.
Oldham, Ernest Price, *Utah.*
Parks, Albert H., *Michigan.*
A.B., University of Michigan.
Pascoe, Henry Roscoe, *Iowa.*
Ph.B., Simpson College.
Pengelly, Edward John, *Wisconsin.*
Penney, Warren Bert, *Iowa.*
Pickard, Rawson Joseph, *Illinois.*
B.S., University of Wisconsin.
Piper, Lawrence Philip, *Illinois.*
Rahling, Leo Henry, *Illinois.*
Reineck, Charles, *Wisconsin.*
Reyher, Chris Michael, *Indiana.*
Roach, Richard Aloysius, *Illinois.*
Roberts, Marcus Claude, *Iowa.*
Roberts, Philip F., *Illinois.*
Rohlfing, Rudolf Frederick, *Colorado.*
Roth, Charles Rudolph, *Wisconsin.*
Ph.G., Valparaiso College.
Salyers, John Oswell, *Illinois.*
Schaefer, Rudolf A., *Nebraska.*
Seyfarth, Clarence Alexander, *Illinois.*
Sharpe, Walter Stokes, *Illinois.*
Sidley, John Streeter, *Illinois.*
Silverthorn, Frank Ross, *Wisconsin.*
Slater, Ernest William, *Illinois.*
Snowden, Robert Hurst, *Iowa.*

Spitz, Eugene Aaron, *Illinois.*
Stanley, Otis Orion, *Illinois.*
M.S., University of Illinois.
Stevenson, Robert Guy, *Minnesota.*
Stoll, Arthur Hugh, *Wisconsin.*
Storer, Neile Spooner, ***Ohio.***
Streuter, Albert Frank, *Illinois.*
Swank, Judge Robert, *Illinois.*
Thompson, John Godfrey, *Minnesota.*
Toner, Thomas Joseph, *Illinois.*
Tucker, Walter G., *England.*
Tullar, Arthur G., *Illinois.*
Van Demark, Guy Ernest, *South Dakota.*
Walker, George Stanberry, *Illinois.*
Wallace, James Wilson, *Illinois.*
West, Archillous A., *Iowa.*
M.D., Sioux City College of Medicine.
White, Hugh James, *Illinois.*
Whiteside, Jesse Dubois, *South Dakota.*
Williams, Everett B., *Illinois.*
B.S., Northwestern University.
Woodward, Clayton Emory, *Illinois.*
Yudelson, Albert Bernard, *Illinois.*

THIRD YEAR.

Abbott, Charles Noble, *Wisconsin.*
Ackerman, David, *Illinois.*
Andrews, Henry James, *Kansas.*
Antoine, Felix Carpentier, Jr., *Louisiana.*
Asher, Harvey Combs, *Indiana.*
Bailey, Arthur Jay, *Illinois.*
Barnard, David Luther, *Wisconsin.*
B.S., University of Wisconsin.
Beach, William Henry, *Nebraska.*
Bigler, Sherman Edwin, *Illinois.*
A.B., Austin College.
Blachley, Tracy Wentworth, *Iowa.*
Bohan, John Michael, *Illinois.*
Brandon, Palmer Edwin, *Illinois.*
A.B., University of South Dakota.
Bronson, F. Lloyd, *Illinois.*
A.B., University of Illinois.
Buckley, Fred Watson, *Iowa.*
Burger, Harry Ernest, *Wisconsin.*

Castle, Thomas Ralph, *Iowa.*
Chase, Warren W., *Illinois.*
Clyne, Meade, *Illinois.*
Coats, Albert James, *Michigan.*
B.S., University of Nebraska.
Cohenour, Elmer Ledley, *Illinois.*
Conner, William Henry, *Illinois.*
A.B., Northwestern University.
Corcoran, Louis Leonard, *Iowa.*
Craig, Alexander Crawford, *Colorado.*
Crail, Franklin Harold, *New Mexico.*
Croft, Edward Woolley, *Idaho.*
Dakin, Wirt B., *Michigan.*
Dale, Ernest A., *Illinois.*
Desparois, Guy Bernard, *Iowa.*
Dewey, Lorenzo Simeon, *Missouri.*
A.B., University of Missouri.
Dorland, Clareld Edison, *Wisconsin.*
Ph.C., Northwestern University.
Doupe, Joseph Harry, *Michigan.*
Dwan, Leo Garnet, *Illinois.*
B.S., Notre Dame University.
Edgar, Thomas Oscar, *Illinois.*
B.S., Northwestern University.
Eustace, Arthur Barnett, *Illinois.*
Farrell, Edward Joseph, *Illinois.*
Forbush, Sanford W., *Wisconsin.*
French, Harley Ellsworth, *Idaho.*
A.B., State College of Washington.
Frey, Phillip Georg, *Wisconsin.*
Frost, John Garfield, *Illinois.*
Garberson, J. Howard, *Iowa.*
B.S., Iowa State College.
Friedemann, Paul, *Illinois.*
Garner, Robert William Thomas, *North Carolina.*
Geissinger, John Dewalt, *Iowa.*
Gilbert, Newell Clash, *Illinois.*
B.S., University of Wisconsin.
Gleason, Bert Fuller, *Iowa.*
Gossard, Jesse Earle, *Ohio.*
M.S., Ohio Northern University.
Grahek, Joseph, *Michigan.*
Gray, George Lester, *Texas.*
Green, Austin Lenhart, *Illinois.*
A.B., Illinois Wesleyan University.
Hamilton, Oliver Prescott, *Illinois.*

Handelman, Louis, *Illinois.*
Harding, Jacob Dwight, *Utah.*
Hatch, Walter Edmund, *Wisconsin.*
Hill, Chalmers Alexander, *Colorado.*
A.B., University of Colorado.
Hofer, Michael Martin, *South Dakota.*
Holberg, Edmond Arthur, *Illinois.*
Hollenbeck, Henry Stanley, *Iowa.*
A.B., Iowa State University.
Holm, Marinus Larsen, *South Dakota.*
Ph.C., Northwestern University.
Homan, Carl A., *Illinois.*
Hoover, Frank B., *Illinois.*
Hopkins, Nelson Kingsley, *Illinois.*
Hoy, Carl Da Costa, *Ohio.*
Hromadka, August Benjamin, *Nebraska.*
Ph.G., Highland Park College of Pharmacy.
Jager, Thor J., *Sweden.*
Johnston, Robert Currie, *Illinois.*
Ph.G., Northwestern University.
Kappelman, John Adam, *Illinois.*
B.S., Northwestern University.
Karney, Roy Foster, *Wisconsin.*
Keeler, Elon Theodore, *Illinois.*
Kelley, Laurence Elam, *Wisconsin.*
B.S., Beloit College.
Kelsheimer, Ira D., *Illinois.*
Keltner, Joseph Edward, *Illinois.*
Kershaw, Robert B., *Illinois.*
Ph.G., Highland Park College of Pharmacy.
Kirby, Alfred Darwin, *Illinois.*
Lambert, Oscar Bernhardt, *Michigan.*
Levinson, Jacob Gotland, *Illinois.*
Little, George Reed, *Kansas.*
Lounsbury, Benjamin Franklin, *Wisconsin.*
B.L., University of Wisconsin.
McClelland, Clarence Edgar, *Illinois.*
McComb, Earl Vinton, *Wisconsin.*
A.B., University of Wisconsin.
McIntyre, Louis Learoy, *Illinois.*
Miller, William H., *Illinois.*
Mills, Ralph Garfield, *Illinois.*
A.B., University of Illinois.
Mitchell, Clairemont Hogue, *Iowa.*
A.B., Simpson College.
Mitchell, Edward Clay, *Illinois.*
Moell, Joseph Franklin, *Nebraska.*

Morgan, John Richard, *Idaho.*
Morse, Raymond Clark, *Washington.*
Mueller, Albert Nicholas, *Illinois.*
Munch, Fred Elmer, *Illinois.*
Nay, Karl W., *Illinois.*
Niles, Sidney Cleveland, *Illinois.*
A.B., University of Michigan.
Oppenheim, Joseph Julius, *Illinois.*
Parker, Gerald Campbell, *Illinois.*
Patton, Matthew Morrison, *Illinois.*
Perlstein, Samuel, *Illinois.*
Peterson, Charles Frederick, *Wisconsin.*
Porter, Ward Kendrick, *Wisconsin.*
Ray, Herbert A., *Indiana.*
Redman, Fred Eli, *North Dakota.*
Relihan, Frank Henry, *Kansas.*
Ribbeck, Will Augustus, *Michigan.*
Roehrig, Karl Franklin, *Colorado.*
Rogers, Elton Banes, *Iowa.*
A.B., Simpson College.
Ross, Levi Gilbert, *Oregon.*
Sabin, Charles Gilbert, *Illinois.*
B.S., Northwestern University.
Sanford, Arthur Hawley, *Illinois.*
A.B., Northwestern University.
Schaefer, John Ferdinand, *Illinois.*
Schoch, Andrew Clarence, *Missouri.*
Sharpe, Howard Addison, *Wisconsin.*
Ph.C., Northwestern University.
Shidler, George Porter, *Nebraska.*
A.B., Nebraska State University.
Shoemaker, Amzi Bedell, *New Jersey.*
Siebel, John Ewald, Jr., *Illinois.*
Ph.C., Northwestern University.
Skebelsky, James W., *Illinois.*
Sorgatz, Frank, *Kansas.*
Stanton, John William, *Illinois.*
Starnes, Brand, *North Carolina.*
Stewart, James Golden, *Illinois.*
Swantz, Thomas Jobson, *Indiana.*
B.S., Notre Dame University.
Swift, George Wilkins, *Washington.*
Ph.G., University of Washington.
Teitgen, Arthur, *Wisconsin.*
Thayer, Fred Gaither, *Oregon.*
A.B., University of Oregon.

Thomas, James Stanley,	*Ohio.*
Told, Henry J.,	*Indiana.*
Torell, Emil Ernest, A.B., Augustana College.	*Illinois.*
Twyman, Elmer Davis,	*Missouri.*
Uhrich, John Michael,	*Canada.*
Valenzuela, Gonzola, H.B., Costa Rica College.	*Costa Rica.*
Vaughan, John George, B.S., Northwestern University.	*Illinois.*
Wanamaker, Allison Temple, Ph.G., University of Washington.	*Washington.*
Weidner, Max C.,	*Wisconsin.*
Weil, Harry,	*Illinois.*
Wilson, William Charles,	*North Dakota.*
Witkowski, Leo Joseph,	*Illinois.*
Zimmerman, Samuel Alvin, Ph.B., Hamline University.	*Minnesota.*

SECOND YEAR.

Anderson, Albin Garfield, B.S., Northwestern University.	*Illinois.*
Arends, Archabald Louis,	*Iowa.*
Bambenek, John Damascus,	*Wisconsin.*
Bannen, William Edward,	*Wisconsin.*
Baum, Earl Lucas,	*Illinois.*
Bernstein, Maurice,	*Illinois.*
Bird, John Ten Broeck,	*Illinois.*
Boler, Thomas Daniel,	*Nebraska.*
Booze, John Buchanan,	*West Virginia.*
Bradley, Stephen Campbell, B.L., Ohio Wesleyan University.	*Illinois.*
Broberg, Albert William,	*Minnesota.*
Campbell, James Edward,	*Illinois.*
Christophel, Walter B.,	*Indiana.*
Condon, Joseph Redmond,	*Iowa.*
Cooper, Paul Burke, Ph.G., Washington Agricultural College.	*Oregon.*
Courtenay, Gordon Trevor,	*Illinois.*
Dahl, Peter I.,	*North Dakota.*
Dowsett, Horace,	*Wisconsin*
Edwards, Hubert Clarence,	*Illinois.*
Eisenstaedt, Joseph Spiro,	*Illinois.*
Foley, Thomas Patrick,	*Illinois.*

Gibson, Paul White, *Illinois.*
Gowland, Harry Edmund, *North Dakota.*
Greer, Alvis Eugene, *Illinois.*
Griffin, George Daniel, *Illinois.*
Grosvenor, Thomas Howard, *Illinois.*
B.L., University of Wisconsin.
Hagar, Charles Edward, *Illinois.*
Hale, Raleigh Peter, *Indiana.*
Hallenbeck, Dorr Foster, *Minnesota.*
Hanson, David Thomas, *Illinois.*
B.S., Northwestern University.
Harlan, Lee Henry, *Mississippi.*
A.B., Roger Williams University.
Hartsook, Francis Marion, *Wisconsin.*
Hertzler, Ralph Harold, *Iowa.*
Hewson, Wilfred John, *Michigan.*
Hogan, John Hughes, *Wisconsin.*
Hooker, Henry Frost, *South Dakota.*
Ph.G., South Dakota Agricultural College.
Hudson, Frederick Auld, *Kansas.*
Huff, Fred Charles, *South Dakota.*
Huntley, Howard Benjamin, *North Dakota.*
B.S., Fargo College.
Ingebretsen, Paul, *Utah.*
Johnson, William Garfield, *Illinois.*
Kelly, Paul Edward, *Illinois.*
Kerwin, John Joseph, *Illinois.*
Kimball, Joseph Carl, *Illinois.*
Kriechbaum, Horace Theodore, *Iowa.*
Lukens, Ralph E., *Illinois.*
Lundahl, Paul Gustaf, *Illinois.*
Lynch, H. Meyer, *Wisconsin.*
Lyons, Paul D., *Illinois.*
A.B., St. Ignatius College.
McNevin, Charles Francis, *Iowa.*
B.S., Upper Iowa University.
Maclean, William Archibald, *Michigan.*
Maurer, Franklin, *Illinois.*
Mee, Lester Edwin, *Illinois.*
Meyer, William Frederick, *Wisconsin.*
Mills, James Frederick, *Illinois.*
Morrill, Frank Gillingham, *Illinois.*
Nuzum, Walter Franklin, *Wisconsin.*
Owen, Norris Tillman, *North Dakota.*
Perry, William Hillhouse, *Illinois.*

Peterson, Carl Oscar,	*Wisconsin.*
Pierce, Chauncey Merrill,	*Indiana.*
Poley, Clarence Leighton,	*Oregon.*
Pollard, Walter Shaver,	*Indiana.*
Powers, Francis Joseph, B.S., Notre Dame University.	*New Jersey.*
Rasper, Felix H.,	*Illinois.*
Ravn, Bjarne,	*Wisconsin.*
Redman, John Edward,	*Illinois.*
Ross, Wilbur Wesley, Ph.G., Northwestern University.	*Illinois.*
Rowe, Bert Roger,	*Illinois.*
Ruggles, Clarence Eli,	*California.*
Ryan, Fred Short, B.S., University of California.	*California.*
Salmon, Charles Sigmond,	*Illinois.*
Schutz, Milton H.,	*Illinois.*
Smith, Frank Leroy,	*Illinois.*
Solomon, Charles Henry,	*Illinois.*
Stacy, George Herbert,	*Illinois.*
Steer, Charles Lindley,	*Ohio.*
Stevens, Burt S., Ph.G., University of Buffalo.	*North Dakota.*
Sturdivant, B. Frank,	*Iowa.*
Sykes, Everett William,	*Illinois.*
Thompson, Nathaniel Alexander,	*Illinois.*
Tilson, Roswell Elliott,	*Illinois.*
Traub, Hugo William,	*Illinois.*
Turner, John Wakeman, A.B., University of Chicago.	*Wisconsin.*
Verdenius, John Jacob,	*Illinois.*
Watson, Wallace Archibald,	*Illinois.*
Waugh, Fred Duvall,	*Illinois.*
Welch, Fred Benjamin,	*Wisconsin.*
White, Perry Eugene,	*Illinois.*
Wiles, George Berkmans,	*New York.*
Wilson, George Arthur,	*Wisconsin.*
Wolfer, John Adam,	*Illinois.*
Woodard, Otto Willis,	*Iowa.*
Wright, George Irving, Ph.G., Northwestern University.	*Oregon.*

FIRST YEAR.

Ackermann, Harry W.,	*Illinois.*
Ayling, Gilbert Haven,	*Illinois.*
Barth, Henry N.,	*Illinois.*
Bernard, Emil L.,	*Illinois.*
Bernhardt, Harry Bernard,	*Illinois.*
Bond, Edwin E.,	*Illinois.*
Budge, Ben Garfield, B.S., Iowa State College.	*Iowa.*
Budge, Edwin Stratford,	*Idaho.*
Bundesen, Herman Niels,	*Illinois.*
Buster, Harry C., A.B., Fisk University.	*Tennessee.*
Callahan, Albert R.,	*Wisconsin.*
Carlin, Hayes William,	*Illinois.*
Carson, Harry Ray, B.S., Valparaiso College.	*Indiana.*
Cheatham, Anderson William Peter, A.B., Fisk University.	*Tennessee.*
Childs, Colvin Burr,	*Illinois.*
Claridge, Ralph A.,	*Wisconsin.*
Connrardy, Jack W.,	*Iowa.*
Copps, William O'Keefe,	*North Dakota.*
Crowley, William Simon,	*Illinois.*
Danskin, Melville G.,	*Iowa.*
Davis, Colbert Smith, A.B., Fisk University.	*Texas.*
Devany, Andrew Joseph,	*Indiana.*
Dunnington, Ruel Norman,	*Michigan.*
Eisenstaedt, Joseph,	*Illinois.*
Firebaugh, William Charles,	*Illinois.*
Frederich, Cleveland,	*Minnesota.*
Gerhardt, August E., Ph.G., University of Illinois.	*Illinois.*
Goodwin, Aurel,	*Indiana.*
Greenbaum, George B.,	*Illinois.*
Harlan, N. Robert,	*Iowa.*
Healy, Michael Edward,	*Illinois.*
Hedberg, David Leonard,	*Illinois.*
Heffron, Edward Lancaster,	*Illinois.*
Henderson, John Thomas,	*Louisiana.*
Hess, Emory Le Roy,	*Illinois.*
Heston, Edward Calder, Ph.G., South Dakota Agricultural College.	*South Dakota.*

Higgs, Walter, *Indiana.*
A.B., University of Wisconsin.
Hills, Lester Harper, *Illinois.*
Holgate, Ralph Carlton, *Montana.*
Holmes, Ralph, *Illinois.*
Howg, Edwin Marius, *South Dakota.*
Jones, Harold E., *Illinois.*
Juvinall, James Matthew, *Illinois.*
Kanzler, Reinhold, *Nebraska.*
Kern, Henry William, *Illinois.*
Kienzle, Francis Constantine, *Illinois.*
Krusemarck, Orville Layman, *Illinois.*
Krzysko, Stanley Leon, *Wisconsin.*
Landgraf, John William, *Illinois.*
Lang, Oscar Frederick, *Minnesota.*
B.S., Valparaiso University.
Lepak, Frank John, *Minnesota.*
B.S., Valparaiso College.
Lindsay, Arthur Robert, *Illinois.*
Linn, Hugh Harrison, *Iowa.*
B.S., Simpson College.
McClure, William Leander, *Washington.*
Magee, Emery Ernest, *Iowa.*
Marshall, George Lyman, *Illinois.*
A.B., Miami University.
Martin, Dale L., *North Dakota.*
Melzer, Simon W., Jr., *Wisconsin.*
Merrill, Orland Paul, *Illinois.*
Minter, John Mills, *Illinois.*
Mix, Harry Collin, *Illinois.*
Moore, William Nelson, *Wisconsin.*
Newman, John Henry, *Iowa.*
Pelton, Ora Levant, Jr., *Illinois.*
Plummer, William Albert, *Minnesota.*
Pond, Casper Whittle, *Idaho.*
Prince, George Washington, *Illinois.*
Rabe, Otto John, *Iowa.*
B.S., Valparaiso University.
Richman, Samuel Herbert, *Illinois.*
Schwartz, John Frederick, *Wisconsin.*
Shackleton, William E., *Michigan.*
Slinde, Arthur Christian, *Wisconsin.*
Smith, Sydney Henry, *Iowa.*
Spurck, Peter Thomas, *Illinois.*
Supple, Arthur Blaise, *Illinois.*

Thomas, William Allen,	*Michigan.*
Thompson, Elmer Gibson,	*Illinois.*
Trace, Isidore,	*Illinois.*
Trimmer, Frank M.,	*Ohio.*
Wade, Benjamin Newton,	*Minnesota.*
Wall, Cornelius Walter,	*Kansas.*
Wanninger, Wenzel Joseph,	*Wisconsin.*
Williams, Herbert Lewis,	*Illinois.*
Winter, George Victor,	*Minnesota.*
Woolley, Hyrum Smith, Jr.,	*Idaho.*
Worrell, Ralph Eugene,	*Illinois.*
Weickert, Johann Moritz Stephan,	*Germany.*

UNCLASSIFIED STUDENTS.

Boyd, William Fletcher,	*Canada.*
Briggs, Walter Roscoe,	*Illinois.*
Clayton, George Raymond,	*Indiana.*
Cross, James Hamilton,	*West Virginia.*
Diller, Adam Elmer, B.S., Northwestern College.	*Illinois.*
Gibbons, James Minor,	*Iowa.*
Ludwig, Otto P.,	*Minnesota.*
McCullough, Gilbert F., B.S., Notre Dame University.	*Iowa.*
Miller, Peter Hendrickson,	*Michigan.*
Morton, Edward Earl,	*New York.*
Nelson, David Roy,	*Illinois.*
O'Brien, Stephen J.,	*Michigan.*
Simms, Leslie Bennet,	*Nebraska.*
Sowerby, James Herbert,	*Michigan.*

SPECIAL STUDENTS.

Allen, H. I.,
Anderson, H.,
Armstrong, C.,
Barney, Reuben,
Benesh, E.,
Bolton, R. M.,
Booth, A. M.,
Bornheim, E. S.,
Bothwell, C. D.,
Boyd, E.,
Buchanan, R.,
Burke, J. R.,
Cleary, A.,
Close, M.,
Clouthier, B.,
Cohn, Emmanuel,
Cohn, Harry,
Coles, F.,

Crooks, M.,
Crowley, A.,
Culp, L. M.,
Dickens, E.,
Dixson, K.,
Doran, M.,
Downey, G.,
Fannoff, F. L.,
Faust, M. V.,
Fay, E. L.,
Fitzsimmons, M.,
Fordyce, W. E.,
Frank, Bernhardt,
Frazier, C.,
Fuller, B.,
Gavin, A.,
Glover, J. E.,
Grady, N.,
Gregory, D.,
Hagenbuch, C. H.,
Hamnett, Harold,
Hanley, M.,
Hannon, G.,
Hefty, C.,
Heitman, Diedrick William,
Hill, E.,
Hurley, G. I.,
Hutt, M.,
Iverson, I.,
James, E.,
Jordan, Bert A.,
A.B., University of South Dakota
Joslyn, A. E.,
Keefe, M.,
Kier, N.,
Kinnaird, B.,
Koempel, O.,
Koenig, A. C.,
Kundart, A.,
Laird, D. H.,
Larsen, A. M.,
Lashbrook, Elam Eugene,
Lau, M.,
Leach, J. M.,
Lee, M.,
Lind, O.,
Logan, E. C.,
Lonergan, M.,
Long, A.,
Lowe, M.,
Lowther, W. C.,
McKaig, H. C.,
McNulty, J.,
Marsden, M.,
Mason, W. C.,
Maxted, M. A.,
Merkel, S.,
Meyer, M. I.,
Mills, G.,
Mitchell, H. C..
Mitten, C. L.,
Moler, C. C.,
Monahan, K.,
Neary, A.,
Nickerson, F.,
Norris, E. L.,
Nuckles, B. M.,
O'Donnell, Charles Peter,
Oldham, I.,
Olmstead, F.,
Page, A.,
Panker, E. J.,
Peregrine, M.,
Porter, E. W.,
Prouty, F.,
Ray, D.,
Reinhardt, H. L.,
Roudebush, E.,
Rush, F. M.,
Ryan, A.,
Ryan, Frank Albert,
Sax, A. O.,
Sayre, L. M.,
Schoch, R.,
Scobey, A. W.,

Scott, F. F.,
Shannon, E.,
Shilton, C. N.,
Smith, A.,
Smith, M. J.,
Smith, V.,
Stewart, Walter J.,
M.D., Dearborn Medical College.
Stotz, H. A.,
Straus, I. J.,
Thompson, G. A.,
Tierney, M.,
Van Aken, M.,
Ward, E.,
Ward, K.,
Welch, M.,
White, E. W.,
White, H.,
White, M.,
Whieldon, W. L.,
Willis, E.,
Winthrope, P. W.,
Zschach, Waldemar Karl,

THE LAW SCHOOL.

THIRD YEAR.

Adams, Cyrus H., Jr., A.B., Princeton University.	*Illinois.*
Anderson, George Fridolf,	*Illinois.*
Asher, Walter Simpson, A.B., Northwestern University.	*Illinois.*
*Atherton, Leslie Campbell,	*Illinois.*
Becker, John Richard,	*Illinois.*
Bell, Benjamin S.,	*Illinois.*
Brink, Hal L.,	*Illinois.*
Brothers, William Vincent,	*Illinois.*
Browne, John Maxwell,	*New York.*
Bugee, John Arthur,	*Illinois.*
Burns, William Cullen,	*Kansas.*
Candee, Robert, A.B., Princeton University.	*Illinois.*
Capron, William, Jr., University of Illinois.	*Illinois.*
Cohan, Benjamin Edward,	*Illinois.*
Collins, Kenneth Prentice,	*Illinois.*
Colton, Chauncey Corey, B.S., Dartmouth College.	*Massachusetts.*
Cutting, Robert Myron, A.B., University of Michigan.	*Illinois.*
Davis, Warren Marcus, University of California.	*California.*
Dickinson, Francis Reynolds, A.B., Harvard University.	*Illinois.*
Eastman, Charles John,	*Illinois.*
Eddy, Morton Hoit, A.B., Williams College.	*Illinois.*
Engstrom, Ebenezer Washington, A.B., Northwestern University.	*Illinois.*
Finerty, John F., Jr.,	*Illinois.*
Finley, George Alvin,	*Illinois.*
Garnett, Elmer Logan, A.B., University of Illinois.	*Illinois.*
Goldstine, Isaac Oscar,	*Illinois.*
Haight, William Harrison, B.L., University of Wisconsin.	*Wisconsin.*
Hinckley, Francis Edward, A.B., Cornell University.	*Illinois.*

*Deceased, March 12, 1906.

Hunt, Anthony, *Illinois.*
A.B., Harvard University.
Johnston, William Walter, *Illinois.*
Kolb, Theodore Augustus, *Illinois.*
Concordia College.
Krause, Hugo Foster, *Illinois.*
Ph.B., Milwaukee State Normal School.
Libonati, Michael Ernest, *Illinois.*
Lucius, Albert Edward, *Illinois.*
A.B., University of Michigan.
Martin, Andrew Aloysius, *Illinois.*
Mies, Frank Peter, *Illinois.*
B.S., Northwestern University.
Milchrist, Frank Thomas, *Illinois.*
Moore, Willis Samuel, *Illinois.*
McCord, Downer, *Illinois.*
A.B., Yale University.
McKinney, Fred Landin, *Ohio.*
B.S., Northwestern University.
McNeil, Robert Lincoln, *Illinois.*
A.B., Illinois College.
Nordhold, Robert J., *Illinois.*
Peacock, Ernest, *Illinois.*
A.B., Wheaton College.
Pirosh, George, *Illinois.*
Pitte, Hugo Lewis, *Illinois,*
Rich, Ernest Paul, *Illinois.*
Newton Normal College.
Ridgely, Claude V., *Illinois.*
Romans, Harold Albon, *Iowa.*
Romans, John Brown, *Iowa.*
Rundall, Charles Owen, *Illinois.*
Northwestern University.
Secord, Frederick, *Illinois.*
Smietanka, Alexander Michael, *Illinois.*
Steinbrecher, Paul, *Illinois.*
Straus, Ira E., *Illinois.*
University of Chicago.
Taylor, David W., *Illinois.*
Thomason, Samuel Emory, *Illinois.*
A.B., University of Michigan.
Vlachos, Andrew John, *Illinois.*
LL.B., University of Greece.
Von Ammon, Ernest Carl, *Illinois.*
Warner, George Raymond, *Illinois.*
Wengierski, Julius Francis, *Illinois.*
Whitfield, Garland Quinche, *Mississippi.*
Winnen, Victor Charles, *Illinois.*

Wilcox, Jesse Franklin, *Illinois.*
Winston, Garrard Bigelow, *Illinois.*
A.B., Yale University.
Yates, Robert Mortimer, *Illinois.*

SECOND YEAR.

Adams, Francis, Jr., *Illinois.*
A.B., Amherst College.
Allely, George Joseph, *Illinois.*
Allen, Harry Irwin, *Indiana.*
B.S., Northwestern University.
Ballard, Howard Thompson, *Massachusetts.*
A.B., Amherst College.
Barry, Arthur Joseph, *Illinois.*
Bennett, Robert F., *Illinois.*
B.S., Valparaiso College.
Beveridge, Glen LeRoy, *Illinois.*
Bieszki, Henry Albert, *Illinois.*
Blu, Elmer Francis, *Illinois.*
B.S., Northwestern University.
Bogheas, Demetrius, *Illinois.*
University of Greece.
Brown, Earle Wesley, *Illinois.*
Callahan, James Edwin, *Illinois.*
Carmody, Michael Lawrence, *Illinois.*
Cohen, Lawrence Alfred, *Illinois,*
Crossman, George William, *Illinois.*
Davenport, Kenneth Howard, *Iowa.*
A.B., Northwestern University.
Dodson, Harry Lea, *Illinois.*
Dvorak, Henry, *Illinois.*
Forstall, James Jackson, *Illinois.*
B.S., Princeton University.
Fox, George Arthur, *Michigan.*
A.B., University of Michigan.
Frake, Allen, *Illinois.*
A.B., University of Chicago.
Frantz, Erza Jacob, *Illinois.*
Fuller, Earl Delos, *Illinois.*
Gillson, Charles Burton, *Illinois.*
S.B., Massachusetts Institute of Technology.
Grandberg, Oscar Emil, *Illinois.*
Gregory, Frederick LaRue, *Illinois.*
B.S., Illinois College.
Griffin, John Joseph, *Illinois.*
Grow, Oscar, *Iowa.*

Hansen, Edwin Carsten,	*Illinois.*
Hausser, Arthur H. W., Northwestern University.	*Illinois.*
Henn, William Eugene,	*Illinois.*
Hill, Roy Wilson, B. S., Rose Polytechnic Institute.	*Illinois.*
Houghteling, James Lawrence, Jr., A.B., Yale University.	*Illinois.*
Howison, Hugh Alexander, Armour Institute.	*Illinois.*
Huszagh, Harold, Lewis Institute.	*Illinois.*
Jarrell, James Thomas, Jr., A.B., Dickinson College.	*Delaware.*
Kaufman, Saling I.,	*Illinois.*
Krusemark, Albert,	*Illinois.*
Lilienstein, Arthur Webster,	*Illinois.*
Lindskog, Thomas,	*Illinois.*
Marshall, Robert Ferguson,	*Illinois.*
Morgan, George Gurnea, B.S., Wheaton College.	*Illinois.*
Morrissey, Michael Patrick,	*Iowa.*
Murphy, John Cushing,	*Illinois.*
Myers, Earl Lucian,	*Illinois.*
McCaughan, Philip N.,	*Illinois.*
McNeil, Oswell Laurie, B.S., Illinois College.	*Illinois.*
Nash, Albert Henry, Northwestern University.	*Illinois.*
Nichols, George Richmond, Jr., Leland Stanford, Jr., University.	*Montana.*
Rathje, Frank Carl,	*Illinois.*
Rawson, William Dixon,	*Illinois.*
Rich, Stanley, B.S., Hobart College.	*Illinois.*
Richter, Edward Lewis,	*Illinois.*
Rueber, Charles Arthur,	*Minnesota.*
Shaver, Harry Lloyd,	*Illinois.*
Smith, Frank O., B.S., Northwestern University.	*Illinois.*
Smoot, Harry Edward, A.B., Northwestern University.	*Illinois.*
Starke, Charles Henry,	*Illinois.*
Stevens, Ernest James, Ph.B., University of Chicago.	*Illinois.*
Stevens, George Marsden, B.S., Northwestern University.	*Illinois.*
Strauss, Samuel Arthur,	*Illinois.*

Sunderbruch, Jens Frederick, *Iowa.*
Cornell University.
Swanson, Charles Edward, *Iowa.*
A.B., Knox College.
Tanigoshi, Katsutaro, *Japan.*
University of Wisconsin.
Townsend, Barry Eyre, *Illinois.*
Princeton University.
Van Ryper, James Reynolds, *Indiana.*
Welles, Harry Norton, *Illinois.*
Willson, Royal Andrew, *Illinois.*
Winterbottom, Joseph Erastus, *Illinois.*
A.B., Illinois College.
Woodbury, Homer Whallon, *Illinois.*

FIRST YEAR.

Arthur, William Reed, *Kansas.*
A.B., Washburn College.
Barnes, Cecil, *Illinois.*
A.M., Harvard University.
Bauer, Lester Louis, *Illinois.*
Boyd, Gordon, *Illinois,*
Brown, Edward Eagle, *Illinois.*
A.B., Harvard University.
Browne, John Maxwell, *Illinois.*
Butler, LeRoy Dawson, *Wisconsin.*
Butz, Robert Otto, *Illinois.*
Carlson, Julius Goodwin, *Wisconsin.*
B.S., Northwestern University.
Carroll, John Charles, Jr., *Illinois.*
Clapp, Gardie, *Illinois.*
Cooper, Bernhard, *Illinois,*
Cumnock, Claude Buchanan, *Illinois.*
Northwestern University.
Dean, William Dwight, *Illinois.*
A.B., Yale University.
DeLany, Clarence Martin, *Illinois.*
Didier, Gustave Philip, *Illinois.*
St. Gregory's College.
Dunham, H. Munroe, *Michigan.*
Farrell, Harry Michael, *Iowa.*
Fehrman, Henry J., *Illinois.*
Felgar, Harry Hardy, *Illinois.*
Flinn, Edward Bernard, *Iowa.*
Firestone, Milton P., *Minnesota.*
University of Minnesota.
Fowler, Glesner, *Missouri.*

Frederick, Wilson David, *Illinois.*
Freundlich, Alexander, *Illinois.*
Gardner, Harry Newton, *Nebraska.*
Garnett, Cyrus Logan, *Illinois.*
University of Chicago.
Greenberg, Samuel, *Illinois.*
Harlev, Arthur George, *Illinois.*
Harris, Amos Leroy, *Illinois.*
Hoover, Loring, *Indiana.*
Jarecki, Edmund Kasper, *Illinois.*
Johnson, Clyde Philip, *Illinois.*
Johnson, James Richard, *Illinois.*
Jordan, Carl Francis, *Iowa.*
Jordan, Frank, *Illinois.*
Kandlik, George, *Illinois.*
Karr, Richard Freeman, *Illinois.*
Katz, Sidney Morris, *Illinois.*
Kendall, Rufus, *Illinois.*
Knight, Homer Stone, *Illinois.*
Kryda, John Fennymore, *Illinois.*
Lindsay, Alexander Pitcairn, *Pennsylvania.*
A.B., College of the Academy of the New Church.
Love, Stephen Wentzel, *Illinois.*
Lowe, Sylvester Tucker, *Idaho.*
Long, William Henry, *Iowa.*
Llabres, Louis, *Puerto Rico.*
Martin, Isaac Crouse, *Pennsylvania.*
McWhirter, David Clifford, *Illinois.*
Mount, Earl Burner, *Iowa.*
Morris, Eugene Percivall, *Illinois.*
Morawski, Sigismond Albert, *Illinois.*
Imperial Vienna University.
McCarthy, Justin Francis, *Illinois.*
A.B., St. Ignatius College.
McKenna, John Edward, *Illinois.*
O'Donnell, Joseph Dugan, *Illinois.*
A.B., St. Ignatius College.
Oleson, George Arthur, *Illinois.*
Lewis Institute.
Olson, Olaf Adolph, *Illinois.*
Oughton, John Richard, Jr., *Illinois.*
Philp, Leonard Hacker, *Illinois.*
Ransom, Albert Richardson, *Illinois.*
Reubens, Harry, Jr., *Illinois.*

Rickords, Francis Stanley, *Illinois.*
A.B., Yale University.
Rabinoff, Samuel Randolph, *Illinois.*
Rothwell, Henry Phillip, *Illinois.*
Schadel, Robert Lyman, *Illinois.*
A.B., Beloit College.
Schmaus, Edward Thomas, *Ohio.*
Simmons, Forrest Dale, *Michigan.*
Slosson, Frank Steele, *Illinois.*
Snapp, Dorrance Dibell, *Illinois.*
Spengler, Walter J., *Illinois.*
Stafford, James Henry, *Illinois.*
Staub, Casper, Jr., *Illinois.*
Steinbrecher, George, *Illinois.*
Stylinski, Stanislaw, *Illinois.*
Taylor, Orville James, Jr., *Iowa.*
Tyrrell, Joseph Thomas, *Illinois.*
A.B., St. Ignatius College.
Vail, Karl V., *Illinois.*
Verde, Vincenzo, *Illinois.*
Whipple, Merrick Ames, *Illinois.*
Wieboldt, Werner Augustus, *Illinois.*
Zelensky, Mitchell Abraham, *Illinois.*

SPECIAL STUDENTS.

Barry, David Henry, *Illinois.*
Barstow, Alfred, *Illinois.*
A.B., Leland Stanford, Jr., University.
Bates, Jeanette, *Illinois.*
Ph.B., University of Chicago.
Burns, James Francis, *Illinois.*
Chandler, H. A. Ernest, *Wisconsin.*
B.S., Northwestern University.
Colwell, Clyde, *Illinois.*
LL.B., University of Chicago.
Coman, Warren Eugene, *Illinois.*
LL.B., Northwestern University.
Fisher, Hart Ellis, *Illinois.*
Hall, John Calvin, *Illinois.*
A.B., University of Illinois.
Hyman, Robert William, *Illinois.*
Jacobsen, Henry, *Illinois.*
Jenkins, Bert Jay, *Michigan.*
Johns, George Andrew, *Illinois.*
King, John Crane, Jr., *Illinois.*

Mancl, Frank John, *Illinois.*
LL.B., Illinois College of Law.
McCabe, James, *Minnesota.*
Mavigato, Joseph, *Illinois.*
Raymond, Edward Franklin, *Illinois.*
A.B., Yale University.
Reed, Nelson Franklin, *Illinois.*
Northwestern University.
Scheiner, Frank Henry, *Illinois.*
Ph. B., LL.B., Northwestern University.
Waltmire, George, *Ohio.*
LL.B., Northwestern University.
Ward, Charles Ambrose, *Illinois.*
LL.B., Northwestern University.
Wooster, Lizzie E., *Illinois.*

THE SCHOOL OF PHARMACY.

CANDIDATES FOR THE DEGREE OF MASTER OF PHARMACY.

Gsell, Earl Wilson,	*Illinois.*
Watkins, Axie Dell,	*Illinois.*

CANDIDATES FOR THE DEGREE OF PHARMACEUTICAL CHEMIST.

Balcom, Vernon Edward,	*Indiana.*
Beall, Pearl Mayson,	*Mississippi.*
Chawgo, Harry Eugene,	*Illinois.*
Clay, James Lewis,	*Illinois.*
Cooper, William Cortlandt,	*Illinois.*
Doggett, James Leslie,	*Illinois.*
Elliott, Robert,	*Illinois.*
Elm, Evor Emanuel,	*Illinois.*
Fahrner, Alphonse Anthony,	*Illinois.*
Foster, Frank Homer,	*Iowa.*
Hanson, George Conrad,	*Illinois.*
Hitchcock, Francis Elliott,	*Michigan.*
Hughes, Herbert Henry,	*Montana.*
Huss, Franklin Christ,	*Illinois.*
John, Clinton Walter,	*Nebraska.*
Klatt, Albert,	*Illinois.*
Leischner, Eric Paul,	*Illinois.*
Levy, Milton Daniel,	*Illinois.*
Lindstatt, August William,	*Montana.*
Lord, Frederic William,	*Illinois.*
McDonald, Mary Angela,	*Illinois.*
Metzger, Arthur Schuh,	*Illinois.*
Minnick, Fred,	*Nebraska.*
Ohming, Harry William,	*Indiana.*
Payne, Wyndham Randolph,	*Iowa.*
Reisl, Edwin G.,	*Wisconsin.*
Ricard, Arthur Thomas,	*South Dakota.*
Ridd, Arthur Frederick,	*Illinois.*
Rink, Lester Lee,	*Illinois.*

Rushton, George Lord,	*Illinois.*
Seyfert, Carl Reber,	*Ohio.*
Stewart, Fred Henry,	*Iowa.*
Timson, Charles Eldred,	*Illinois.*
Timson, Samuel George,	*Illinois.*
Turner, George Ellsworth,	*Minnesota.*
Virchow, John Emil,	*Illinois.*
Wallace, William Emmon,	*Illinois.*

CANDIDATES FOR THE DEGREE OF GRAUDATE IN PHARMACY.

Alexander, Oscar Henry,	*Indiana.*
Arganbright, George,	*Iowa.*
Arado, John Grigorio August,	*Illinois.*
Arduser, George,	*Iowa.*
Askew, Joseph William,	*Illinois.*
Bachelle, Percy,	*Illinois.*
Baker, Hillier Locke,	*Illinois.*
Baughman, Leo Melzer,	*South Dakota.*
Benensohn, Samuel,	*Illinois.*
Bensend, Floren Benwill,	*Wisconsin.*
Berezniak, Fannie,	*Illinois.*
Bergstreser, Enos Ray,	*South Dakota.*
Bernstein, Ernest E.,	*Illinois.*
Blake, Charles William,	*Utah.*
Blettner, Arthur William,	*Illinois.*
Bloom, Ross Albert,	*Illinois.*
Bock, William,	*Illinois.*
Bolz, Bruno August,	*Illinois.*
Boyle, James Matthew,	*Utah.*
Brann, William Alexander,	*Colorado.*
Brearton, Martin Redmond,	*Illinois.*
Brice, Robert Hale,	*South Carolina.*
Brown, Arthur Edmund,	*Illinois.*
Brown, Howard Cresswell,	*Illinois.*
Cavitt, Rivers Caldwell,	*Kentucky.*
Claussen, Rudolph Henry,	*Iowa.*
Collins, John Stephen,	*Illinois.*
Conrad, Maurice,	*Iowa.*
Czosek, Robert Eugene,	*Illinois.*
Danielson, Carl Rudolph,	*Iowa.*
Dare, Harry G.,	*Illinois.*

Davis, Mark Albert,	*Washington.*
Druehl, Hugo W.,	*Utah.*
Dunn, Francis James,	*Illinois.*
Englehardt, Charles Francis,	*Wisconsin.*
Feyder, Charles,	*South Dakota.*
Fosselman, William Chris,	*Iowa.*
Frank, William,	*Illinois.*
Freeman, Elmer Jonathan,	*Illinois.*
Freidholdt, Fritz William,	*Iowa.*
Fuerstenberg, Saul,	*Illinois.*
Gehrke, William,	*Wisconsin.*
Gemmell, D. J.,	*Illinois.*
Gilkey, Signa E.,	*Wyoming.*
Graham, Harry Day,	*Wisconsin.*
Greer, Thomas J.,	*Iowa.*
Grover, Alfred Henry,	*Minnesota.*
Guhin, John James,	*Wisconsin.*
Hall, Clarence Edwin,	*Minnesota.*
Hanson, Paul Sidney,	*Nebraska.*
Hauth, Henry Frederick,	*Iowa.*
Heitman, Fred William,	*Illinois.*
Hershey, Guy Floyd,	*Illinois.*
Hess, Joseph Earl,	*Iowa.*
Hodson, Daniel Francis,	*Michigan.*
Holmes, C. J.,	*Iowa.*
Huard, George Napoleon,	*Illinois.*
Hynes, William Henry,	*Iowa.*
Jacobs, Asahel Eugene,	*Illinois.*
Jacobshagen, Robert Eldred,	*South Dakota.*
Jenkins, William Cook,	*Kentucky.*
Jericho, Warren B.,	*Iowa.*
Johnson, Magnus Godfred,	*Minnesota.*
Jordan, William Francis,	*Illinois.*
Jorns, Gustave Carl,	*Wisconsin.*
Kaczkowski, Joseph,	*Illinois.*
Kaempfer, Robert,	*Nebraska.*
Keller, Neal B.,	*Illinois.*
Kelting, William John,	*Illinois.*
Kempf, Fred,	*Iowa.*
Kile, Ray Porter,	*Illinois.*
Kimmel, Fred Joseph,	*Illinois.*
Koehler, Cornelius Frederick,	*Illinois.*

Kraus, Arthur Schilk,	*Wisconsin.*
Lamm, Albert H.,	*Minnesota.*
Lees, Robert Fay,	*Illinois.*
Leininger, Otto William,	*Illinois.*
Leisten, Anthony William,	*Colorado.*
Leonard, Guy Raymond,	*Wisconsin.*
Linder, Walter Henry,	*Illinois.*
Lucas, Edward Charles,	*Missouri.*
Maisch, Charles Adam,	*Illinois.*
Martin, Frank W.,	*Illinois.*
Matthaei, Paul Charles,	*Illinois.*
McEvoy, Stephen Edward,	*Illinois.*
McKibben, John Leslie,	*Illinois.*
Middleton, Bert Lomax,	*Illinois.*
Morris, Roy Harry,	*Wisconsin.*
Nelson, Arthur James,	*Iowa.*
Nitardy, Ferdinand,	*Minnesota.*
Nordling, Albert Josephus,	*Illinois.*
Norling, Roy Arthur,	*Illinois.*
Paesler, Gus Charles,	*Illinois.*
Parker, Delson J.,	*Illinois.*
Parker, Lloyd Warren,	*Nebraska.*
Parrott, M. C.,	*Illinois.*
Petry, Herbert Arthur,	*Illinois.*
Petterson, Ella Henrietta,	*Illinois.*
Potter, Herschel Edward,	*Arkansas.*
Raeth, Joseph Philip,	*Illinois.*
Ramsey, Paul Houston,	*Ohio.*
Ranger, Carl Lee,	*Illinois.*
Reid, Arthur Peter,	*Illinois.*
Reifert, J. Fred,	*Nebraska.*
Rex, Clarence,	*Ohio.*
Rice, Ivan Snyder,	*Idaho.*
Rigney, Charles,	*South Dakota.*
Robertson, Forrest Raymond,	*Texas.*
Rozanski, Bolesaus Joseph,	*Illinois.*
Ruggles, Frederic Gilwarth,	*Illinois.*
Russel, Adelbert W.,	*Wisconsin.*
Schimelfenig, Clarence,	*Illinois.*
Schmitt, George John A.,	*Illinois.*
Schmitz, Herbert George,	*Iowa.*
Schneider, Carl Henry,	*Illinois.*

Schneider, Joseph,	*Iowa.*
Seaney, Elmer Francis,	*Illinois.*
Seaver, Herbert Kuth,	*North Dakota.*
Seeley, William Hansel,	*Indiana.*
Shimerda, Edward F.,	*South Dakota.*
Smith, Eugene,	*Illinois.*
Smith, Rex G.,	*Illinois.*
Snyder, Frank Henry,	*Utah.*
Soward, James,	*Illinois.*
Spater, Will Charles,	*Iowa.*
Stach, Charles Albert,	*Illinois.*
Staib, Herman Frederick,	*Illinois.*
Steinel, Edwin George Henry,	*Indiana.*
Stone, Richard,	*Wisconsin.*
Strickland, Frank Cecil,	*Illinois.*
Stryker, Henry Leroy,	*Illinois.*
Stukenberg, E. G.,	*Illinois.*
Sundine, August,	*Illinois.*
Sutton, Robert Henderson,	*Idaho.*
Sweet, Earl Edmund,	*Illinois.*
Syverud, Luther,	*South Dakota.*
Thompson, John Edward,	*North Dakota.*
Tomashek, Frank Edmund,	*Illinois.*
Toomey, James Andrew,	*Illinois.*
Uhlmann, Elwood Henry,	*Illinois.*
Van Cise, Howard Garrettson,	*Iowa.*
Veach, Oscar Lloyd,	*Iowa.*
Veaco, Sidney Harold,	*California.*
Wagner, Harold Harvey,	*Ohio.*
Walker, George Henry,	*Illinois.*
Weinberger, Albert Walter,	*Illinois.*
Wilkinson, Barclay,	*Alabama.*
Wilson, Charles F.,	*Indiana.*
Woods, Rolland Graham,	*North Dakota.*
Woolf, Jacob Charles,	*Illinois.*
Wray, Daniel D.,	*Iowa.*
Zea, John William,	*Illinois.*

SPECIAL STUDENTS.

Brennan, William J.,	*Iowa.*
Buchholz, Edwin Alfred,	*North Dakota.*
Converse, Earl Mosher,	*Illinois.*
Hahn, Frank N.,	*Wisconsin.*
Huxsol, Alfred William,	*Iowa.*
Kassulke, August Erich Hugo,	*Indiana.*
Kenton, Henry T.,	*Illinois.*
Kirk, Milton B.,	*Illinois.*
Lipschulch, Lewis,	*Illinois.*
Malsner, J. W.,	*Illinois.*
McDill, Herbert Samuel,	*Texas.*
McQuillan, Henry Patrick,	*Illinois.*
Obermann, Abraham Max,	*Illinois.*
Paris, Archie Russell,	*Indiana.*
Robertshaw, Conrad C.,	*Wisconsin.*
Trevillian, William J.,	*Illinois.*
Wilson, Albert John,	*South Dakota.*

THE DENTAL SCHOOL.

SENIOR CLASS.

Agern, Arthur Cornelius,	*Minnesota.*
Alm, Gustav Theodore,	*Michigan.*
Anderson, Bert Golbern,	*Iowa.*
Ashley, Edward Holbrook,	*Illinois.*
Barke, Owen Seward,	*Minnesota.*
Barnett, Charles Lisle,	*Washington.*
Barnett, Torrence Dawson,	*Ohio.*
Baumgartner, Walter John,	*Iowa.*
Best, Herbert Floyd,	*Montana.*
Bible, Walter Lee,	*Wisconsin.*
Blair, George Montgomery, Jr.,	*Illinois.*
Bovik, Roley,	*Illinois.*
Cardy, Charles Arthur,	*Illinois.*
Case, Charles Milton,	*Illinois.*
Christianson, John Frederick,	*Utah.*
Christopher, James William,	*Australia.*
Close, Ira Enis,	*Illinois.*
Conklin, Wilber Rosco,	*Illinois.*
Crary, Elisha John,	*Iowa.*
Crook, Walter Forest,	*Iowa.*
Davis, William Henry,	*Illinois.*
Donahue, Edward Joseph,	*Michigan.*
Du Chane, Warren Newton,	*Iowa.*
Eisenstaedt, Joseph,	*Illinois.*
Erickson, Alfred,	*Illinois.*
Erwin, Clarence Walter,	*Oregon.*
Fell, Fred Ward, L.D.S.,	*Manitoba.*
Ford, Zach Daniel,	*Tennessee.*
Fox, Thomas Wesley,	*Missouri.*
Frey, Joseph Peter,	*Iowa.*
Fuchs, Hans, M.D.,	*Austria.*
Furby, Howard John,	*Illinois.*
Galbraith, Henry Levant,	*Minnesota.*
Gatewood, Robert H.,	*Nebraska.*
Geary, Harry Logan,	*California.*
Giffen, Bert Bennett,	*Wisconsin.*

Gilbert, William Franklin,	*Minnesota.*
Gruenblatt, Richard, M.D.,	*Austria.*
Hanson, Oscar Walter,	*South Dakota.*
Haynie, George Edward,	*Missouri.*
Holmes, Harry Lowell,	*Iowa.*
Humber, Frank Russell,	*British Columbia.*
Hunt, Winford Aldrich,	*Illinois.*
Joannidi, George D.,	*Turkey.*
Kadel, Leroy L.,	*Illinois.*
Kerr, Charles Henry,	*South Dakota.*
Kiel, Frederick William,	*Australia.*
Koller, Robert P., M.D.,	*Austria.*
Lamley, William David,	*Michigan.*
Lawson, Frederick S.,	*Wisconsin.*
Lehrbach, Leslie Nickalos,	*Wisconsin.*
Leisman, Harry Robert,	*Minnesota.*
Lieberthal, Charles Philip,	*Ohio.*
Light, William,	*Illinois.*
Lowe, John Osmer,	*Idaho.*
Lyons, Henry Edward,	*Canada.*
McCracken, Thomas Jefferson,	*Kansas.*
McKenna, Charles Wermor,	*Nebraska.*
McKibben, William Harvey,	*Illinois.*
McNerthney, Thomas R.,	*Washington.*
Mahony, Peter,	*Australia.*
Mann, Agnes,	*Germany.*
Mercer, Robert J.,	*South Dakota.*
Miller, Verne Agassiz,	*Indiana.*
Mohan, Joseph Francis,	*Illinois.*
Moore, Osmond Stanley,	*Australia.*
Murray, James Edward,	*Colorado.*
Nelson, Arthur Glen,	*Minnesota.*
Ogilvie, Robert Adam,	*North Dakota.*
Olson, William Andrew,	*Minnesota.*
Park, Elsworth S.,	*Texas.*
Partridge, Benjamin Sherwin,	*Illinois.*
Peach, Lyulph,	*Australia.*
Peisley, William Shirley,	*Australia.*
Pelton, Lewis Arthur,	*Illinois.*
Plew, Clifford,	*Illinois.*
Puffer, George Robert,	*Illinois.*
Puryear, Carl,	*Kentucky.*

Rathbone, Don Quincy,	*Montana.*
Redeman, E. Henry,	*Wisconsin.*
Reynolds, George Ford,	*Indiana.*
Richards, Colonel Melzar,	*New York.*
Russell, Frank Leo,	*Illinois.*
Sawyer, Joy Clarence,	*Michigan.*
Schmuck, Emil Albert,	*Minnesota.*
Schroeder, George M.,	*Missouri.*
Scobee, Ernest Linwood,	*Illinois.*
Seabert, Charles Pierce,	*Iowa.*
Searl, Charles Luther,	*Illinois.*
Sengpiel, William John,	*Wisconsin.*
Sheffield, John Edgar,	*Ohio.*
Shuford, Thomas Eaton, B.S.,	*Mississippi.*
Shuttleworth, Thomas,	*Australia.*
Spicer, Samuel Sherman, A.B.,	*Iowa.*
Stephens, Earl Glennwood,	*Illinois.*
Strauss, Arlon Vernon,	*Iowa.*
Teitgen, Walter E.,	*Wisconsin.*
Thompson, John Lamb,	*Oregon.*
Timmis, Joseph Frank,	*Illinois.*
Tolhurst, Edwin Willis,	*California.*
Topliff, Ray Frank,	*Iowa.*
Trager, Frank A., D.D.S.,	*Wisconsin.*
Tyler, Earl Carlton,	*Michigan.*
Unger, Isador,	*Illinois.*
Vinje, Eivin,	*Minnesota.*
Walther, Arthur Frederick William,	*Illinois.*
Weeks, Fred Theodore,	*Wisconsin.*
Weyer, Charles Nicholas,	*Minnesota.*
White, David Nichol,	*Utah.*
Whitney, Glenn Benard,	*Michigan.*
Wilbur, A. Francis,	*Washington.*
Williams, Grant W.,	*Nebraska.*
Wilson, John Joseph,	*Nebraska.*
Wood, Eugene Vernon,	*Indian Territory.*
Wood, Nathaniel Clark, B.S.,	*Indian Territory.*
Wright, Weston Wilmot,	*Canada.*
Yule, Morgan Alexander,	*Nebraska.*

JUNIOR CLASS.

Allender, Lafe Carl,	*Missouri.*
Baker, Frederick P.,	*Wisconsin.*
Bast, Edward John,	*Minnesota.*
Baur, Armin Peter,	*Illinois.*
Bell, Charles Edgar,	*Indiana.*
Bersing, Arthur E.,	*Wisconsin.*
Bloom, Abraham,	*Illinois.*
Bolton, Richard Mark,	*Canada.*
Bolzell, Charles E.,	*Wisconsin.*
Bressler, Arthur Malcolm,	*Alabama.*
Brockman, Marion Cline,	*Illinois.*
Bushnell, Archie Dennis,	*Wisconsin.*
Carroll, William Preston,	*Illinois.*
Casler, John Maynard,	*Ohio.*
Cassell, Moses Anthony,	*Ohio.*
Chappuie, Gordon,	*Minnesota.*
Concklin, Lewis Knapp,	*Wisconsin.*
Conley, Willard Thomas,	*Iowa.*
Cook, Orra Ivan,	*Iowa.*
Courtice, Oliver J.,	*Canada.*
Cox, Nicholas W.,	*Illinois.*
Danforth, Edward Roscoe,	*Indiana.*
Davis, William James,	*Wisconsin.*
Donovan, John M.,	*Iowa.*
Downs, George Almond,	*Iowa.*
Drake, Don Delbert,	*Iowa.*
Earley, William F.,	*Illinois.*
Fisher, Dorsey D.,	*Ohio.*
Forsyth, John Elder,	*Australia.*
Foster, Ota F.,	*Illinois.*
Frankel, James D.,	*Illinois.*
Fry, William Thomas,	*Illinois.*
Gordon, David J.,	*Illinois.*
Grossman, Morris,	*Illinois.*
Heap, George Roy,	*Illinois.*
Heisler, William F.,	*South Dakota.*
Hess, Albert C.,	*Illinois.*
Holmquest, David Elven,	*Iowa.*
Johnson, Alvin Fabian,	*Illinois.*
Johnson, James Edward,	*Wisconsin.*

Johnson, Lawrence Raymond,	*Illinois.*
Jones, Orlando Van Deusen,	*Illinois.*
Jones, Ramon,	*Illinois.*
Kauffman, John Calvin, Jr.,	*Wisconsin.*
Kelley, Boyd Longwell,	*Michigan.*
Kennedy, William Small,	*Oregon.*
Keyes, John August,	*Illinois.*
Keyser, Dixon Baker,	*Ohio.*
Kimball, George G.,	*Illinois.*
Kindt, Herbert Paul,	*Illinois.*
Kingsley, Austin Cain,	*Illinois.*
Koenig, August C.,	*Illinois.*
Landee, Guy Arthur,	*Iowa.*
Lawver, Harry Edward,	*Illinois.*
Lee, Arthur Brush,	*Michigan.*
Linne, Alvin Barton,	*Washington.*
Long, J. Harding,	*Illinois.*
Longwell, Ralph Elliott,	*Pennsylvania.*
McBroom, Samuel,	*Minnesota.*
McKenna, Daniel W.,	*Illinois.*
McLaren, Arthur Charles,	*Illinois.*
Mason, William Charles,	*Illinois.*
Metcalfe, Frank,	*Wisconsin.*
Miller, Jacob,	*Illinois.*
Miller, Theodore,	*Wisconsin.*
Mills, Henry Louis,	*Montana.*
Mitchell, Harry Chandler,	*Illinois.*
Mitten, Charles Louis,	*Indiana.*
Myers, Cyrus A.,	*Indiana.*
Myles, Andrew Watson,	*Canada.*
Norris, Luke Leo,	*Iowa.*
Olson, Axel Frank,	*Minnesota.*
Owens, Richard E.,	*Idaho.*
Pailthorp, Arthur Wescott,	*Michigan.*
Pfeiffer, Carl Elmer,	*Minnesota.*
Pfouts, Royal Edgar,	*Ohio.*
Phillips, Arthur Abraham,	*Illinois.*
Power, William Bernard,	*Washington.*
Rasch, Christian Albert, Ph.G.,	*Illinois.*
Reid, William Edmund,	*Michigan.*
Rice, Ora Ray,	*Wisconsin.*
Rich, Albert Clarence,	*Illinois.*

Rightman, Simon M.,	*Illinois.*
Rodgers, Frank,	*Missouri.*
Ross, Albert Taylor,	*Illinois.*
Savage, Charles Sumner,	*Illinois.*
Schmook, Theodore, Jr.,	*Illinois.*
Schulz, Louis,	*Illinois.*
Scranton, Harmon Stuart,	*Michigan.*
Sedwick, Harry L.,	*Illinois.*
Smith, Harry Alexander,	*Illinois.*
Snyder, Harry Dale,	*Illinois.*
Sommerville, George B.,	*Michigan.*
Spearman, Kelly R.,	*Arkansas.*
Squires, William Alonzo,	*Utah.*
Thompson, George Augustus,	*Illinois.*
Van Sant, Leport Richard,	*Illinois.*
Wehrheim, John Lawrence,	*Illinois.*
Winthrope, Paul W.,	*Canada.*
Wipf, Jacob H.,	*South Dakota.*

FRESHMAN CLASS.

Adams, John Melvin,	*Illinois.*
Alexander, Howard,	*New York.*
Babcock, Clarence S.,	*Illinois.*
Ball, Charles Joseph,	*Missouri.*
Barnsback, Chalmer Truman,	*Illinois.*
Beck, James Edwin,	*Wisconsin.*
Berkshire, Edward,	*Illinois.*
Bernhard, Axel,	*Illinois.*
Bigler, Chester Arthur,	*Illinois.*
Blake, Robert J.,	*Illinois.*
Boman, Anton LeRoy,	*Illinois.*
Bow, John M.,	*Montana.*
Bremner, Maurice David,	*Canada.*
Brown, Fred,	*Illinois.*
Buckley, Michael J.,	*Illinois.*
Burke, Harry John,	*South Dakota.*
Burton, Jesse Francis,	*Illinois.*
Calvert, James Rex,	*Utah.*
Campbell, Albert William, Ph. G.,	*Indiana.*
Carlstein, Aaron,	*Illinois.*
Case, Claude Edmund,	*South Dakota.*

Chady, Roy J.,	*Wisconsin.*
Clement, Benjamin Franklin,	*Canada.*
Closson, Arthur D.,	*Illinois.*
Cole, Alvie Sylvester,	*Wisconsin.*
Crane, Edward R.,	*Michigan.*
Crowley, Edward Timothy,	*Illinois.*
Cummins, Harry Ray,	*Illinois.*
Dawson, William Thomas,	*South Dakota.*
Dedon, Victor W.,	*Minnesota.*
Diehl, Fred S.,	*Illinois.*
Dohrmann, August,	*Illinois.*
Donovan, Michael David,	*South Dakota.*
Dooley, Chase Creel,	*Illinois.*
Dunn, Ernest Lucien,	*Iowa.*
Egan, Thomas Francis,	*Wisconsin.*
Elsnau, Theodore,	*Illinois.*
Evans, Ernest I.,	*Utah.*
Exon, George Edward,	*Kansas.*
Field, William Sydney,	*England.*
Fietsch, John Fred,	*Illinois.*
Findley, Harry M.,	*Illinois.*
Fine, Bessie E.,	*Illinois.*
Flath, Milford Garbutt,	*North Dakota.*
Follett, Walter Carlous,	*North Dakota.*
Foster, Roy Allen,	*Illinois.*
Freel, Floyd Wheatley,	*New York.*
Galbraith, Logan Blaine,	*Minnesota.*
Galey, James C.,	*Louisiana.*
Goldstein, Oscar,	*Illinois.*
Graves, Idella Elnora,	*Wisconsin.*
Gulstine, Herman P.,	*South Dakota.*
Hamel, Carl William,	*Illinois.*
Harris, Joseph G.,	*Wisconsin.*
Harrison, Charles Lewis,	*Illinois.*
Hartt, Alice Constance,	*Illinois.*
Hauser, Edward John,	*North Dakota.*
Henderson, Olive Myrtle,	*Arkansas.*
Hirschfield, Saul,	*Illinois.*
Hixon, Clyde LeRoy,	*Idaho.*
Hogan, Mark F.,	*Iowa.*
Hollister, Claude Reavis,	*Illinois.*
Hoover, Chester W.,	*Illinois.*

Jenkins, Charles Willard,	*Illinois.*
Johnson, Sidney H.,	*Illinois.*
Jones, Roy C.,	*Michigan.*
Keyes, John,	*Wisconsin.*
Knoff, Raymond G.,	*Michigan.*
Krembs, Franz J.,	*Wisconsin.*
Krembs, Moritz,	*Wisconsin.*
Lacaze, Charles Andre,	*Australia.*
Langton, Seth Alma, Jr.,	*Utah.*
Lazier, Harry Austin,	*Illinois.*
Leavitt, Samuel H.,	*Illinois.*
Legvold, Gerhard Ferdinand,	*Minnesota.*
Leininger, Arthur Aaron,	*Oregon.*
Leith, John Foster,	*Pennsylvania.*
Lemmon, Walter F.,	*Illinois.*
Long, Roy Foster,	*Illinois.*
Love, Jesse J.,	*Michigan.*
Luce, Allen Edwin,	*Illinois.*
Luenzmann, Carl Augustus,	*Wisconsin.*
Lyding, John Daniel,	*Illinois.*
Lyding, Joseph Benjamin,	*Illinois.*
Lynch, Oliver Edward,	*Iowa.*
McKay, Grover C.,	*Iowa.*
McKay, N. Bruce.,	*Iowa.*
Macdonald, David Colin,	*Illinois.*
Mead, Roy Eugene,	*Illinois.*
Meisel, Harry Benjamin,	*Michigan.*
Mertz, Arthur Edgar,	*Illinois.*
Meyers, George Edward,	*South Dakota.*
Morange, Roderick M.,	*Wisconsin.*
Morgan, Walter A.,	*Kansas.*
Mott, Walter,	*Indiana.*
Mulford, Thomas Tillinghast,	*Illinois.*
Obey, J. Victor,	*Michigan.*
Parker, Clement E.,	*Kansas.*
Pasternachi, Leon P.,	*Wisconsin.*
Paulson, Paul Gerhard,	*Wisconsin.*
Potts, Laurence Loraine,	*Illinois.*
Rakow, William J.,	*Illinois.*
Rice, Joseph Bliven,	*Wisconsin.*
Richter, Louis Charles,	*Wisconsin.*
Roberts, Edward Raymond,	*Minnesota.*

Rosenstein, Gilbert,	*Texas.*
Salisbury, Zolle Elmore,	*Indiana.*
Salvail, Arthur P.,	*Illinois.*
Savage, Samuel Robert,	*British Columbia.*
Saxton, Leigh L.,	*Wisconsin.*
Scheffer, Bernhardt,	*Illinois.*
Schlesinger, Leo,	*Illinois.*
Schoenbrod, Abraham Morris,	*Illinois.*
Schoonover, Ned W.,	*Kansas.*
Schumacher, Frank Paul,	*Illinois.*
Schwartz, Milton D.,	*Illinois.*
Scott, Albert Elbridge,	*Iowa.*
Seaman, George Grant,	*Illinois.*
Sebelius, Carl,	*Kansas.*
Shaddle, Charles Gilbert,	*Illinois.*
Sherman, Orville M.,	*Illinois.*
Sherwood, Frank Russell, B.S.,	*South Dakota.*
Smith, Roy Orval,	*Illinois.*
Snow, William Edward,	*Illinois.*
South, William Henry,	*South Dakota.*
Stam, Russell Zeigler,	*Montana.*
Starry, Thomas Edward,	*Wisconsin.*
Stephens, George E.,	*Wisconsin.*
Stiehm, Paul Edward,	*Wisconsin.*
Stinson, Guy Donald,	*Vermont.*
Stirling, George Guy,	*Illinois.*
Sutcliffe, Frank W.,	*Wisconsin.*
Swisher, Fred J.,	*Kansas.*
Taylor, Guy Everett,	*Minnesota.*
Tharp, Horace John,	*Illinois.*
Thomason, Albert Robert,	*Illinois.*
Thompson, Ellis Howard,	*Montana.*
Toraason, Goodwin,	*Wisconsin.*
Uebele, Harvey M.,	*Wisconsin.*
Unger, Arthur,	*Illinois.*
Walbridge, Ernest Lucien, Ph.G.,	*Pennsylvania.*
Walston, Leroy,	*Illinois.*
Watts, William Henry,	*Illinois.*
Webster, Clarence R.,	*Indiana.*
Welch, James R.,	*Illinois.*
Wilcox, Strafford Edmond,	*Australia.*
Wilen, Arthur Nelson,	*Wisconsin.*

Wittenbrook, Fred H.,	*Ohio.*
Wolson, Abraham,	*Illinois.*
Woodruff, Silas,	*Kansas.*
Young, Charles William,	*Colorado.*
Zane, Edgar Carey,	*Michigan.*
Zeigler, Lyman Furner,	*Illinois.*
Zemke, Arthur Wilbert,	*Iowa.*

SPECIAL STUDENTS.

Allen, Harvey Irwin.
Apple, Wilbur Martin.
Baier, John G., M.D.
Baird, Perry C., D.D.S.
Brown, Franklin Hartwell.
Burke, Jerry Robert.
Beebe, Neil Heart.
Balskey, Harry Albert.
Fell, F. W., L.D.S.
Fuchs, Hans, M.D.
Gruenblatt, Robert, D.D.S.
Hall, Charles S.
Harrison, Charles Butler.
Horton, Roy James.
Hoffer, John George.
Jonas, I., D.D.S.
Koller, Robert P., M.D.
Lewis, Paul Augustus.
Linxweiller, Arno Charles.
Lyon, G. W., D.D.S.
Miller, Clare James.
Morgan, Charles Doyle.
Reinhardt, Homer Lewis.
Reisner, Joseph Frederick.
Slie, Herbert Seymour.
Swan, Alfred Helmer.
Sherwood, Francis Denslow.
Stotz, Herman Adolph.
Tapp, Ralph Charles.
White, Edward William.
Weiffenbach, Clarence Gerlugh.
Young, Griffin Darwin.

THE SCHOOL OF MUSIC.

STUDENTS IN REGULAR COURSES.

Ahern, Gertrude Adele,	*Dwight.*
Ahlers, Helen Adele,	*Bellevue, Ia.*
Alvord, Anna Helen,	*Rantoul, Kan.*
Andrews, Rolla M.,	*Woodstock.*
Anguish, Maude Darling,	*Evanston.*
Bailey, Lura Mary,	*Richland Center, Wis.*
Bartholomew, Laura Ann,	*Michigan City, Ind.*
Beebe, Florence Dier,	*Hampton, Ia.*
Benson, Stella Lyda,	*Ottawa.*
Berger, Grace Ella,	*Osage, Ia.*
Boorman, Genevieve Marie,	*Evanston.*
Beede, Mary Etta,	*Polo.*
Brainard, Adeline,	*Harvard.*
Brenneman, Hedwig,	*Peru.*
Briggs, Florence Bernice,	*Delta, Ia.*
Briggs, Rose Anna,	*Frazee, Minn.*
Brown, Clara Gertrude,	*Trinidad, Col.*
Burrell, Edith Marian,	*Freeport.*
Butz, Theodore Charles,	*Winnetka.*
Campbell, Marvene Goldie,	*Bethany.*
Cardinell, Mary Olive,	*Evanston.*
Carson, Theresa Irene,	*Valparaiso, Ind.*
Coale, Helen Rossiter,	*Highland Park.*
Colladay, Jennie Frances,	*Hutchinson, Kan.*
Congdon, Elizabeth,	*Evanston.*
Constant, Luther Martin,	*Illiopolis.*
Couffer, Minette Westby,	*Arlington, Neb.*
Crawford, Nellie Florence,	*Bondville.*
Crawford, Kathryn Savage,	*Chicago.*
De Groff, Hazel Lorune,	*Spring Valley.*
Dennis, Myrta McKean,	*Evanston.*
Du Bois, Daisy,	*Rockwell City, Ia.*
Du Mars, Cecile Ainsworth,	*Hanna City.*
Eckert, Lillie,	*Woodstock.*
Eilert, Edward Franklin,	*Baraboo, Wis.*
Enscoe, Leonora May,	*Loyalton, Cal.*

Ford, Ethel Mundt,	*Chicago.*
Forkner, Mabel Grace,	*Wahpeton, N. Dak.*
Frost, Florence Virtine,	*Evanston.*
Garrett, Grace,	*Evanston.*
Gillan, Jennie Isabel,	*Wellington.*
Girton, Edith Alice,	*Madison, S. Dak.*
Haake, Charles John,	*Chicago.*
Hall, Eleanor Jean,	*Evanston.*
Handy, Rena Marshall,	*Evanston.*
Hanmer, Agnes Jane,	*Evanston.*
Hanson, Etta Davidson,	*Memphis, Tenn.*
Harl, Ruth,	*Council Bluffs, Ia.*
Hazelton, Jessie Lucia,	*Chicago.*
Hinman, Esther Christine,	*Bellaire, Mich.*
Hopwood, Grace Belle,	*Evanston.*
Howes, Mamie,	*Lawrence, Mich.*
Hummel, Rose Meta,	*Chicago.*
Jermundson, Hannah Marion,	*Duluth, Minn.*
Jones, Blanche Pearl,	*Canton.*
Jones, Ida Guinivere,	*Luverne, Minn.*
Keeton, William Elmer,	*St. Louis, Mo.*
Kelsey, Herbert Clement,	*Cameron, Mo.*
Kennedy, Alice Lucile,	*Woodstock.*
Kneeland, Lura,	*Hillsboro, No. Dak.*
Kuhn, Ethel Laura,	*Audubon, Ia.*
Latta, Lillian,	*Clinton, Wis.*
Le Compte, Myrtle Eugenie,	*Ottumwa, Ia.*
Lennox, Olive Beatrice,	*Benton Harbor, Mich.*
Lillie, Maude Sophia,	*Marion, Ia.*
Loomis, Grace May,	*Osborne, Kan.*
Looney, Charlotte May,	*Knoxville, Ia.*
Lund, Florence May,	*Ida Grove, Ia.*
Marsh, Allie Emily,	*Mt. Pleasant, Mich.*
Marshall, Julia Sheldon,	*Evanston.*
Marshall, Mary Stevenson,	*Evanston.*
Mauer, Otilie,	*Fennimore, Wis.*
Mercer, Ida Emogene,	*La Moille.*
Mitani, Shumzo,	*Tokyo, Japan.*
Moffat, Edna,	*Chicago.*
Morehart, Nellie Hortense,	*Chanute, Kan.*
Murdock, Mora,	*Streator.*
McCord, Bertha Clendenen,	*Wellsburg, W. Va.*

Neely, Clara Grace,	*Evanston.*
Newell, Sadie Marie,	*Kanawha, Ia.*
Newgard, Alice Bertina,	*Chicago.*
Noble, Pam,	*Evanston.*
Norton, Julia Ellen,	*Evanston.*
Ott, Aureola Marie,	*Chicago.*
Parsons, Hannah Bertha,	*Tipton, Ia.*
Paulus, Viola Emma,	*Chicago.*
Porter, Bertha Belle,	*Apple River.*
Pratt, Gertrude May,	*Evanston.*
Reynolds, Eva Jane,	*Bolivar, N. Y.*
Sarlls, Mary Emily,	*Mt. Vernon, Ind.*
Scerley, Hazel Virginia,	*Burlington, Ia.*
Shaw, Maude Eva,	*Amboy.*
Slayton, Clara Mae,	*Evanston.*
Smith, Artie Verna,	*Loyalton, Cal.*
Smith, Elva,	*Correctionville, Ia.*
Smith, Mae Isabel,	*Kewanee.*
Smith, Pearl Estella,	*Montezuma, Ia.*
Smothers, Edgar Raymond,	*Rossville.*
Snyder, Helen Louise,	*Freeport.*
Songer, Carl Anson,	*Trenton, Mo.*
Squire, Walter Edmund,	*Chicago.*
Stark, Grace Florence,	*Thompson.*
Sterrett, Marion,	*Washington, Pa.*
Stults, Walter Allen,	*Evanston.*
Sutton, Eva Nagle,	*W. Lafayette, Ind.*
Swanson, Effie Aurora,	*Aurora, Neb.*
Thiers, Christine,	*Mt. Pleasant, Mich.*
Thom, Elizabeth,	*Correctionville, Ia.*
Thompson, Pearl May,	*Wyanet.*
Townsend, Lowell Leslie,	*Remington, Ind.*
Vernor, Edith Phelps,	*Sandwich.*
Wall, Lottie Eva,	*Fargo, No. Dak.*
Ward, Elizabeth Hester,	*Chicago.*
Ward, Lena,	*Evanston.*
Waterbury, Mary Louise,	*Evanston.*
Watkins, Anna Marie,	*Princeton.*
Webster, Josephine Haviland,	*Evanston.*
Weis, Ezra Franklin,	*Reddick.*
Williams, Nona Evelyn,	*Mason City, Ia.*
Williams, Rachel Getty,	*Seneca, Kan.*

Woodruff, Nina May,	*Belvidere.*
Works, Florence Ethel,	*Evanston.*

SPECIAL STUDENTS.

Adair, Gertrude,	*Glencoe.*
Abbott, Clarence Cleland,	*Hillsboro, Okla.*
Airheart, Walter Lee,	*McAlester, Ind. Ter.*
Albritton, Elmer Sanford,	*Lewisburg, Pa.*
Anderson, Daniel,	*Wahoo, Neb.*
Avery, Clyde,	*Chicago.*
Baker, Clara Belle,	*Evanston.*
Baker, Edna Dean,	*Evanston.*
Baird, Winfield Earl,	*Chicago.*
Barck, Kersten Marie,	*Trade Lake, Wis.*
Barkle, Thomas John,	*England.*
Barlow, Harriett,	*Dixon.*
Bartlett, Mrs. E. C.,	*Evanston.*
Bell, Herbert Yeomans,	*Holly, Col.*
Bendix, Ernest Oliver,	*Chicago.*
Bennett, Charlotte Louise,	*Waterville, Kan.*
Bent, David F.,	*Plattsville.*
Bock, Edna Wilhelmina,	*St. Joseph, Mo.*
Bondurant, Flint,	*Cairo.*
Bowen, Clara Florence,	*Phillipsburg, Mont.*
Bradley, Gertrude,	*Evanston.*
*Breckon, Albert Wulber,	*Earlville, Ia.*
Brewer, Beatrice,	*Chicago.*
Brewer, Jonathan,	*Vincennes, Ind.*
Bronson, Eugene Victor,	*Urbana.*
Brown, Helen Dunham,	*Evanston.*
Brown, John Roscoe,	*Grant, Mich.*
Brown, Mary Louise,	*Emmetsburg, Ia.*
Brown, Nellie Alva,	*Evanston.*
Burger, Mrs. Horace D.,	*Chicago.*
Busse, Florence Ethel,	*Porter, Ind.*
Bussey, Lewis Mortimer,	*Crete.*
Butler, Faith,	*Chicago.*
Campbell, Alice Birdine,	*Wichita, Kan.*
Chaffee, Lura Josephine,	*Shelbyville.*
Clark, Arthur Gerald,	*Middleville, Mich.*
Clark, Estelle,	*Highland Park.*

*Deceased.

Clement, Laura,	*Joliet.*
Clutton, Fred Homer,	*New Castle, Pa.*
Cocayne, Jesse Peryl,	*Mediapolis, Ia.*
Colby, Guy Irving,	*Springfield.*
Colthurst, Claire,	*Morris.*
Cornelius, Martha Dorris,	*Nashville, Tenn.*
Cowles, Eunice,	*Hinsdale.*
Crandon, Ruth,	*Evanston.*
Curran, Jessie Anna,	*Denver, Colo.*
Daniels, Lucretia Ellen,	*Danville.*
Decker, Mrs. H. E.,	*Evanston.*
Dewey, Perdita,	*Kenosha, Wis.*
Dillon, Flossie,	*Estherville, Ia.*
Dimmick, John F.,	*New Chicago, Mont.*
Dolbeer, Loverne Ann,	*Chicago.*
Dixon, Willard Jerome,	*Kankakee.*
Eldred, Alice Stanley,	*Joliet.*
Eldred, Bertha Marguerite,	*Joliet.*
Ellis, John Howard,	*Chicago.*
Elmore, Florence C.,	*Evanston.*
Erb, George William,	*Chicago.*
Erwine, Samuel Dawson,	*Saunemin.*
Finley, Faye,	*Hoopeston.*
Fisher, Esther,	*Evanston.*
Foote, Edna Bigelow,	*Evanston.*
Ford, Julia C.,	*Evanston.*
Forster, Eloise,	*Evanston.*
Francis, Clara Alice,	*Chicago.*
Fulcher, Gordon Scott,	*Evanston.*
Fuller, John McElroy,	*Corning, Ia.*
Gamble, John Elmer,	*Omaha, Neb.*
Gibson, Earl Stewart,	*Evanston.*
Gillet, Orval Trimble,	*Corning, Ia.*
Gilmer, Karl Rex,	*Braceville.*
Gilson, James Harold,	*Newton, Ia.*
Glassburn, Hugh Damron,	*Oak Park.*
Goddard, Odile Marie,	*Evanston.*
Goldberg, Minnie,	*Chicago.*
Gray, Ruth Rowena,	*Evanston.*
Greening, Harry E.,	*Evanston.*
Grigson, Blanche Lenore,	*Augusta.*
Guyer, Ruby Virginia,	*Freeport.*

Hackley, Lillian Parmelia,	*Newton, Ia.*
Hall, Sarah Maria,	*Evanston.*
Hamilton, Josephine C.,	*Chicago.*
Harkness, Cornelia Virginia,	*Chicago.*
Harper, Mae Elizabeth,	*Sidney, Neb.*
Harper, William Fletcher,	*Evanston.*
Harris, Emily,	East Mechias, Me.
Harrison, W. H.,	*Evanston.*
Harry, Edythe Estella,	*Watseka.*
Hartman, Raymond Francis,	*Chicago.*
Hebblethwaite, Anna,	*Evanston.*
Heiss, William C.,	*Aurora.*
Henke, William Arthur,	*Charles City, Ia.*
Hillary, George J.,	*Platteville, Wis.*
Hixon, Clyde Le Roy,	*Weiser, Idaho.*
Hoffman, Rudolph,	*Chicago.*
Howard, Horace Lee,	*Garfield, Wash.*
Hull, Ray Le Roy,	*Hanna, So. Dak.*
Hutt, George E.,	*Jacksonville.*
Hyde, Herbert Samuel,	*Chicago.*
Hyden, Bertha Freda,	*Evanston.*
Jacobson, Edmund,	*Chicago.*
Jaggers, Abram,	*Evanston.*
Jaggers, Lizzie Rebecca,	*Evanston.*
Jeglum, Selma Roshilda,	*Blanchardville, Wis.*
Jericho, Warren B.,	*Mt. Pleasant, Ia.*
Jockisch, Albert Julius,	*Decatur.*
John, Clinton Winfield,	*Cambridge, Neb.*
Johnson, Anna Raymond,	*Chicago.*
Johnston, Lella Melissa,	*Baraboo, Wis.*
Jones, Nellie Hannah,	*Mulford.*
Jones, Ralph Cotton,	*Cincinnati, O.*
Justice, Eva Loraine,	*Walla Walla, Wash.*
Justice, William Arthur,	*Evanston.*
Kincaid, William Asbury,	*Indianapolis, Ind.*
Knapp, Warren Emerson,	*Evanston.*
Knott, Jessie Mae,	*Chicago.*
Konsberg, Laura Sophia,	*Evanston.*
Le Baron, Mabel Ruth,	*Evanston.*
Letherman, Ida M.,	*Evanston.*
Lott, Cora Belle,	*Evanston.*
Lovejoy, Eunice Stephens,	*Princeton.*

Macdonald, Mary Edna,	*Evanston.*
Maddux, Delia May,	*Rosedale, Kan.*
Madsen, Alma Olive,	*Chicago.*
Magee, David B.,	*Carrollton, O.*
Mason, Olive Yale,	*Evanston.*
Meisel, Harry Benjamin,	*Bay City, Mich.*
Merrell, Dwight Livingstone,	*Evanston.*
Merrill, Morton William,	*Evanston.*
Merritt, J. Wesley,	*Duluth, Minn.*
Merubia, Moises,	*Bolivia, So. Am.*
Middlekauff, Marjorie,	*Chicago.*
Miller, Beulah Emma,	*Hiawatha, Kan.*
Minott, Annette Eleanor,	*Chicago.*
Mitchell, Ruth,	*Evanston.*
Moore, Irene Hunt,	*Evanston.*
Morrison, Myrtle,	*Evanston.*
McConoughey, Edward Marsh,	*Evanston.*
McDonnell, Marie Josephine,	*Evanston.*
McGrew, David Randolph,	*Evanston.*
McKim, Robert,	*Appleton, Wis.*
Nelson, Alice,	*Chicago.*
Nevitt, Autta Quatierra,	*Olathe, Kan.*
Nickell, Clarence Oliver,	*Beatrice, Neb.*
Nielson, Mrs. Edwin,	*Chicago.*
Nord, Agnes,	*Ottumwa, Ia.*
Nysewander, Bertha Elizabeth,	*Des Moines, Ia.*
O'Connell, Jerome Franklin,	*Chicago.*
Ofstie, Joseph Bernard,	*Spring Valley, Wis.*
Orr, Eunice Elizabeth,	*Chicago.*
Orr, Irma Jean,	*Chicago.*
Otjen, Anna Mae,	*Harvey.*
Parisoe, George Edward,	*Danville.*
Parks, Julia Hollister,	*Grand Forks, No. Dak.*
Parkinson, Ora E.,	*Evanston.*
Patten, Helen Prindle,	*Evanston.*
Paullin, Frances Anne,	*Evanston.*
Peache, Alfred,	*Chicago.*
Pease, Halley Anna,	*Chicago.*
Pellage, Hugo William,	*Chicago.*
Peterson, Abe Rudolph,	*N. Judson, Ind.*
Plagge, Herbert John,	*Barrington.*
Pollock, Samuel Edgar,	*Evanston.*

Pool, Lloyd Herbert,	*Earlville.*
Pope, Mary Howe,	*Evanston.*
Potter, Frank Ohr,	*Leaf River.*
Pratt, Francis M.,	*Walnut.*
Prudden, Gladys,	*Chicago.*
Redfern, Alfred Sylvan,	*Auburn, Neb.*
Reed, Charles Mortimer,	*Lyons, Kan.*
Raymond, Miner,	*Evanston.*
Rech, Gilbert Henry Andrew,	*Chicago.*
Redelings, Leslie Hall,	*Marinette, Wis.*
Rice, Arthur L.,	*Wilmette.*
Rise, Joseph Bliven,	*Lake Geneva, Wis.*
Ripley, L. E.,	*Fort Wayne, Col.*
Roberts, Lloyd Ruby,	*Adel, Ia.*
Rosine, Howard Myron,	*Evanston.*
Sanderson, William Martin,	*Milwaukee, Wis.*
Schell, Viola Gertrude,	*New Ulm, Minn.*
Schutz, Herman Jacob,	*Evanston.*
Scoggin, Berenice,	*Millington.*
Scoggin, Mary,	*Millington.*
Scoggin, Ruby,	*Millington.*
Scripps, Earl H.,	*Evanston.*
Seebach, Marie,	*Peru.*
Seeberger, Hugh Alexander,	*Newton, Ia.*
Sellard, Earl J.,	*Belvidere.*
Semans, Nellie Maude,	*Evanston.*
Shannon, Mabel,	*Minneapolis, Minn.*
Sheppard, Margarethe,	*Evanston.*
Sheppard, Virginia Cornelia,	*Evanston.*
Sherman, Louise,	*Evanston.*
Sholty, Ethel Anna,	*Wabash, Ind.*
Shumway, John M.,	*Evanston.*
Simpson, Agnes Grace,	*Waukegan.*
Singleton, James Herbert,	*Buckley.*
Six, Rollo,	*Perry.*
Smart, Willard C.,	*Fort Smith, Ark.*
Smith, Dennis Vincent,	*Petoskey, Mich.*
Smith, Verna Ethel,	*Montezuma, Ia.*
Snell, Roy Waldo,	*Ida Grove, Ia.*
Sparling, James Russell,	*Henry.*
Stafford, Wesley,	*Carterville.*
Stanbery, Edward,	*Evanston.*
Stanton, Alvord Cooper,	*Richville.*

Starck, Gladys Muriel,	*Chicago.*
Steele, Ethel Drusilla,	*Tulsa, Ind. Ter.*
Stevens, Maude Eva,	*Evanston.*
Strattan, Chauncey,	*Mt. Vernon.*
Summerville, Ralph Waldo Emerson,	*Evanston.*
Swaney, Bertram Garfield,	*Marengo, Ia.*
Swenson, John W.,	*Evanston.*
Teare, Alfred J.,	*Chicago.*
Thompson, Gena Sophia,	*Hollandale, Wis.*
Thompson, Gertrude Cecile,	*Evanston.*
Todoroff, Alexander,	*Chicago.*
Tomlinson, Jay Thomas,	*Box Grove, Ont.*
Trulson, Laura Emilie,	*Orfordville, Wis.*
Turner, Mary Maurine,	*Wenona.*
Veach, Oscar Lloyd,	*Cedar Rapids, Ia.*
Voight, Mary Sophia,	*Kankakee.*
Wahl, Mabel Elliot,	*Chicago.*
Walter, Mrs. William,	*Evanston.*
Ward, Esther,	*Evanston.*
Watson, Margaret,	*Evanston.*
Weaver, Martin W.,	*Toronto, Ont.*
Welch, Helen Wikel,	*Clarinda, Ia.*
Welch, Ray D.,	*Ada, O.*
West, Mabel Pearl,	*Chicago.*
Wheelock, Grace,	*Wilmette.*
White, Annie Lucile,	*Effingham.*
White, Lillian,	*Evanston.*
Whitfield, Josiedell,	*Evanston.*
Wilcox, Muriel Estella,	*Hammond, Ind.*
Williams, Jennie May,	*Evanston.*
Williams, Seymour,	*Evanston.*
Willis, Martha B.,	*Evanston.*
Wood, Allen H.,	*Titonka, Ia.*
Wood, Cassius Hiram,	*Cass City, Mich.*
Woodmansee, Cicero McGown,	*Evanston.*

GARRETT BIBLICAL INSTITUTE.

POST GRADUATES.

Cheuvront, John Richard, *Shelbyville, W. Va.*
Northwestern University.

DEGREE COURSE.

Senior Class.

Harrop, Charles Wesley, B. L., *Arena, Wis.*
Wheaton College.

Morrison, Charles Henry, A.B., *Cooperstown, No. Dak.*
Depauw University.

Nakagawa, Kunisaburo, *Tokyo, Japan.*
Doshisha College;
United Theological School of Tokyo.

Northrop, Albert Clinton, A.B., *Belleville, Kan.*
Kansas Wesleyan University.

Parkinson, George H., Ph.B., *Wichita, Kan.*
Northwestern University.

Perrill, Fred Maeson, A.B., *Salina, Kan.*
Baker University.

Quirin, Aquotus Jacob, A.B., *Epworth, Iowa.*
Morningside College.

Schutz, Herman Jacob, A.B., *St. Louis, Mo.*
Central Wesleyan College.

Simpson, David M., Ph.B., *Sioux City, Ia.*
Morningside College.

Stansell, George Gilbert, A.M., *Grove Oak, Ala.*
U. S. Grant University.

Terrill, W. C., *Denver, Col.*
Denver University.

Tink, Samuel James, A.B., *Brooklyn, Ont.*
Albert College;
Lawrence University.

Troxel, John S., Ph.B., *Breckenridge, Mo.*
Missouri Wesleyan College.

Welch, Arthur D., A.B., *Dyersville, Ia.*
Upper Iowa University.

Whitlock Walter Hugh, *Dix.*

Wilcox, Charles E., A.B., *Huron, So. Dak.*
Huron College.

Williams, Seymour, A.B., *Monticello.*
University of Illinois.

Middle Class.

Campbell, Marshall, A.B., McKendree College.	*McLeansboro.*
Ganster, Howard E., A.B., Northwestern University.	*Evanston.*
Gilmer, Karl Rex, A.B., Monmouth College.	*Groveland.*
Gosling, Alfred T., A.B., Albion College.	*Kalamazoo, Mich.*
Hasse, August F., B.L., University of Wisconsin.	*Wauwatosa, Wis.*
Lott, Lewis Bullard, A.B., Northwestern University.	*Geneva.*
Mason, George E., Ph.B., Depauw University.	*Evanston.*
McKnight, Burr R., A.B. Washington and Jefferson College.	*Pittsburg, Pa.*
Moore, Homer H., A.B., Mount Union College.	*Cleveland, O.*
Redfern, Alfred S., A.B., Nebraska State University.	*Auburn, Neb.*
Rumohr, Melvin, A.B., Montana Wesleyan University.	*Forsyth, Mont.*
Semans, Adelbert L., A. B., Kansas Wesleyan University.	*Russell, Kan.*
Stephenson, Arthur T., A.M., Depauw University.	*Chicago.*
Terrill, William Charles, Denver University.	*Denver, Colo.*

Junior Class.

Clapper, Orin Levi, A. B., Mt. Morris College.	*Mt. Morris.*
Henke, Arthur W., A.B., Charles City College.	*Charles City, Ia.*
Hewitt, Wilbur J., A.B., Allegheny College.	*Meadville, Pa.*
Hoff, Lewis Ross., Ph.B., Southwest Kansas Conference College.	*Evanston.*
Johnson, Joseph O., A.M., M.D., Ph.B., Iowa State University; University of Chicago.	*Cedar Falls, Ia.*
Kracher, F. W., A.B., Central Wesleyan College.	*Chicago.*
Law, John G.,	*Milton, Kan.*
Merrell, Morton W., A.B., Missouri Wesleyan College.	*Evanston.*
Pennewell, Almer M., A.B., Central Wesleyan College.	*Vandalia, Mo.*

Rulison, George Ledrew, A.B., Baker University.	*Iola, Kan.*
Stickney, J. E., B.S., Carlton College.	*Eldon, Mo.*
Thompson, Charles J., Mount Union College.	*New Castle, Pa.*
Tarall, Charles H., A.B., McKendree College.	*Flora.*
Wood, Harley J., A.B., Allegheny College.	*Waterford, Pa.*

DIPLOMA COURSE.

Senior Class.

Barkle, Thomas J.,	*Hailey, Idaho.*
*Breckon, Albert W., Upper Iowa University.	*Earlville, Ia.*
Carswell, George C.,	*Howard Lake, Minn.*
Corrie, Ezra S., Baker University.	*Isabel, Kan.*
Doenges, Rudolph, Iowa Wesleyan University.	*Papillion, Neb.*
Frid, James W., Albert College, Belleville, Ont.	*Hamilton, Ont.*
Ichihashi, Tomoyuki, University of the Pacific.	*Tokyo, Japan.*
Jaggers, Abram, Taylor University.	*Plymouth, Cal.*
Kelley, Frederick Octavious, Bible Christian College, England.	*Kent, England.*
Kettle, John A.,	*Fort Dodge, Ia.*
Langdoc, Saul S., Northwestern University.	*St. Anne.*
Lumsden, Ernest C.,	*Garden Prairie.*
Perdue, Mentor J., B.S., Northwestern University.	*Opolis, Kan.*
Pollock, Samuel J.,	*Flint, Mich.*
Potter, Robert A., Nickerson College.	*Stafford, Kan.*
Schreiber, Charles Henry, Huron College; Northwestern University.	*Potter, So. Dak.*
Steininger, James S.,	*Manchester, Mich.*
Walker, J. Harvey, Kentucky University.	*LaBelle, Mo.*
Wood, Caius M.,	*Wichita, Kan.*

*Deceased.

Middle Class.

Barnhart, Paul,	*Sparta, Mich.*
Blake, Frank A., Albion College.	*Flint, Mich.*
Boyce, Orien E., Queen's University	*Big Stone City, So. Dak.*
Brewer, Jonathan,	*Vincennes, Ind.*
Bronson, Eugene Victor, University of Illinois.	*Urbana.*
Buell, Albert S., Nebraska Wesleyan University.	*Holt, Mont.*
Carlin, George Wyle, B.S., Hedding College.	*Orion.*
Carver, George R.,	*Skaneateles, N. Y.*
Crumbaker, Victor A. Depauw University.	*Fairbury.*
DeLong, John E..	*Bellefontaine, O.*
Gamble, John Elmer,	*Omaha, Neb.*
Hendee, Vivian F.,	*Toledo, O.*
Horton, Angelo B., University of Wisconsin.	*Oregon, Wis.*
Houchens, Walter O.,	*Chicago.*
Hutt, George E.,	*Jacksonville.*
Johnson, Charles Powell, Iowa State College.	*Des Moines, Ia.*
Johnson, Neal, Western College.	*Red Oak, Ia.*
Kendall, Nelson H.,	*Traverse City, Mich.*
Kroneman, Albert F.,	*Marshall, Wis.*
Lindenmeyer, Arthur C.,	*Peotone.*
Liston, William W.,	*Hooper, Neb.*
Merrill, Ora Fulton, A.B., Depauw University.	*Denver, Col.*
Moe, Rex Rogers, A.B., Cornell College.	*Fremont, Neb.*
Parisoe, George Edward,	*Danville.*
Pruitt, Edward, Simpson College.	*Cromwell, Ia.*
Torregrosa, Samuel,	*Iquique, Chile, So. Am.*
Tyler, George A.,	*Evanston.*
Upp, Frank Marshall,	*Taylorville.*
Vassileff, Petko D.,	*Lovtcha, Bulgaria.*
Watson, Joseph E., Muskingum College.	*Hamlet, Ind.*
Witter, John H., Lincoln College; Northwestern University.	*Greenview.*

Junior Class.

Abbott, Clarence C.,	*Hillsboro, Okla.*
Airheart, Walter L.,	*McAlister, Ind. Ter.*
Avery, Clyde,	*Chicago.*
Bent, David F.,	*Plattville.*
Bussey, Lewis Mortimer, Northwestern University; Morningside College.	*Crete.*
Colbert, Waldo R., Oregon State College.	*Cowallis, Ore.*
Dimmick, John F.,	*New Chicago, Mont.*
Dresch, William,	*Chicago.*
Edmonson, Stewart B., McKendree College.	*Evanston.*
Erb, George W.	*Chicago.*
Glassburn, Hugh D.,	*Oak Park.*
Goodwin, Walter S.,	*Philadelphia.*
Granger, Gordon L., Temple College.	*Grossdale.*
Greening, Harry S., Chaddock College.	*Loraine.*
Grimes, Maggie,	*Decatur, O.*
Harris, Alfred E., B.S., Northwestern University.	*Kentisbury Ford, Eng.*
Hillary, George J.,	*Platteville, Wis.*
Jones, Lucian B., B.S., Parsons College.	*Fairfield, Ia.*
Jones, Ralph Colton, A.B., University of Cincinnati.	*Cincinnati, O.*
Krughoff, Karl F., Central Wesleyan College	*Tinley Park.*
Leak, Francis A., B.S.,	*Essex, Ont.*
Lee, Otto,	*Cairo.*
Linger, Freeman O., B.S., B.Pd., A.B., Valparaiso University.	*Flatwood, W. Va.*
Magee, Davis B., Mount Union College.	*Carrollton, O.*
Matthews, Austin J., Chicago Theological Seminary.	*Des Moines, Ia.*
Maunders, Joseph E., Albert College.	*Brussels, Ont.*
McComb, Alfred H., Alma College.	*Grand Rapids, Mich.*
McKim, Robert, Lawrence University.	*Appleton, Wis.*
McMahan, Percy Reid, B.S., Valparaiso University.	*Indianapolis, Ind.*
Merritt, J. Wesley,	*Duluth, Minn.*

Meyer, John H.,	*Chambersburg.*
Pardun, W. B.,	*Clarion, Ia.*
Parks, J. W., Missouri Wesleyan College.	*Osborn, Mo.*
Peache, Alfred,	*Chicago.*
Pratt, Francis M.,	*Walnut.*
Prell, Herbert, Wallace Baldwin College.	*Batesville, Ind.*
Reed, Charles M.,	*Lyons, Kan.*
Rhoades, Dwight Earl, Heidelberg University.	*Toledo, O.*
Ripley, Louis E.,	*Fort Morgan, Col.*
Sanderson, John,	*Seneca.*
Sebring, Frank K.,	*Evanston.*
Sellard, Earl J.,	*Belvidere.*
Stafford, Wesley,	*Carterville.*
Swandson, John,	*Seneca.*
Thurstin, George F.,	*Orion, Mich.*
Weaver, Martin W.,	*Toronto, Ont.*
Welch, Ray D., B.S., Ohio Northern University.	*Ada, O.*
Witherbee, Hiram S.,	*Belmont, Wis.*
Wood, Allen H.,	*Emmetsburg, Ia.*
Wyant, Richard M.,	*Lansing, Ia.*

SPECIAL STUDENTS.

Ankron, Pearl F., Ohio Northern University.	*Austin, O.*
Barber, Benjamin R., Northwestern University.	*Calcutta, India.*
Bartlett, Edward C.,	*Guttenburg. Ia.*
Breckon, Mrs. A. W. Upper Iowa University.	*Lima, Ia.*
Crumbaker, Mrs. V. A.,	*Fairbury.*
Deuel, George Edmund,	*Montgomery, Vt.*
Deuel, Elma H.,	*Montgomery, Vt.*
Gates, John R., Northwestern University.	*Evanston.*
George, James W., Northwestern University.	*Fulton.*
Greening, Mrs. H. E.,	*Loraine.*
Haman, J. W., Ph.M., B.D., Northwestern University. Union Biblical Institute.	*Chicago.*
Harper, W. F.,	*Sidney, Neb.*

Hirsch, Arthur H., Charles City College.	*Evanston.*
James, George E., Northwestern University.	*Rochester.*
Johnson, Ada Ellis,	*Des Moines, Ia.*
LeBaron, Ira, Fort Wayne College.	*Evanston.*
Luccock, E. H.,	*St. Louis, Mo.*
Marsh, Daniel L., Beaver College; Northwestern University.	*Fitz Henry, Pa.*
Merubia, Moises, B.S., Northwestern University.	*Cochabamba, So. Am.*
Morrison, Mrs. C. H.,	*Chillicothe, O.*
Ninde, George F., A.B., University of Michigan.	*Evanston.*
Potter, Florence M., Nickerson College.	*Stafford, Kan.*
Seller, William E. W., A.B., Harvard University.	*Winnipeg, Man.*
Swenson, John W., Swedish Seminary.	*Evanston.*
Trainum, William Henry, A.B.,	*Manor, Tex.*
Witherbee, Lizzie May, University of Chicago.	*West Allis, Wis.*
Wood, Grace H.,	*Waterford, Pa.*
Woodmansee, Fannie,	*Evanston.*

Students of the College of Liberal Arts Taking Work in the Institute.

Briggs, Charles R.,	*Rockford.*
Gibson, Francis M.,	*Evanston.*
Goldberg, Minnie,	*Chicago.*
Int Hout, Corneil, B. S.,	*Oak Glen.*
Pollock, Samuel E.,	*Shirland.*
Rutt, A. B.,	*Goshen, Ind.*
Scott, Thomas,	*Onarga.*
Stout, W. L.,	*Hurley, So. Dak.*
Tink, Edmund W.,	*Columbus, Ont.*
Voight, Mary S.,	*Kankakee.*

Students of the Swedish Theological Seminary Taking Work in the Institute.

Akerman, Nathaniel,
Challberg, Otto,
Hillman, Axel E.,
Lundberg, Oscar J.,
Malmquist, Carl H.,
Moberg, Theodore,
Nordberg, Gustaf K.,
Peterson, Arthur,
Rylander, Andrew C.,
Sandell, Richard,
Wermine, Carl W. R.

Students of the Norwegian-Danish Seminary Taking Work in the Institute.

Levin, Richard,
Oakland, Birt,
Ofstie, Hans A.

SWEDISH THEOLOGICAL SEMINARY.

Fourth Class.

Adrian, Theodore J.,	*Scandia, Kan.*
Lundberg, Oscar J.,	*West Hill, Neb.*
Nordberg, Gustaf K.,	*Kingsbury, Cal.*

Third Class.

Akerman, Nathaniel,	*Marquette, Mich.*
Englund, Kaleb D.,	*Jersey City, N. J.*
Malmquist, Carl H.,	*Newport, N. Y.*
Peterson, Arthur,	*Straford, Ia.*
Sandell, Richard,	*West Pullman.*

Second Class.

Cederholm, William E.,	*Brooklyn, N. Y.*
Challberg, Otto,	*Scandia, Kan.*
Edlund, Skold,	*Brooklyn, N. Y.*
Hillman, Axel E.,	*Wayne, Kan.*
Holmgren, Carl August,	*Springfield, Mass.*
Lawrence, Brynolph,	*Chicago.*
Lindstrum, Adolph,	*Chicago.*
Lundin, Nathanael,	*Rockford.*
Moberg, Theodore,	*New York.*
Swanson, Arthur,	*Jamestown, N. Y.*
Wermine, Carl W. R.,	*Hartford, Conn.*

First Class.

Anderson, Robert,	*Chicago.*
Benson, Bernhard,	*Geneva.*
Challman, Oscar F.,	*Chicago.*
Larson, John E.,	*Rockford.*
Lund, Elmer,	*Geneva.*
Olson, John,	*Minneapolis, Minn.*
Olson, Olof E.,	*New York.*
Pearson, Axel,	*Geneva.*
Stone, John,	*Manda, Tex.*
Strömbom, Oscar W.,	*Chicago.*
Wells, Carl,	*Chicago.*
Westman, Gust. O.,	*St. Paul, Minn.*

NORWEGIAN-DANISH THEOLOGICAL SCHOOL.

Andersen, Arent M.,	*Eau Claire, Wis.*
Clausen, John H.,	*Christiania, Norway.*
Erickson, Edward,	*Chicago.*
Folkestad, Halwood,	*Perth Amboy, N. J.*
Hermansen, Andrew,	*Los Angeles, Cal.*
Johnson, Charles J.,	*Evanston.*
Levin, Richard,	*Neenah, Wis.*
Lindwald, Carl J.,	*Laurvik, Norway.*
Nelson, Gottfred,	*Hamlin, No. Dak.*
Oakland, Birt,	*North Cape, Wis.*
Ofstie, Hans A.,	*Spring Valley, Wis.*
Petersen, August M.,	*Chicago.*
Rolland, Haldor O.,	*Everett, Wash.*
Sjöl, John M.,	*Sande, Norway.*
Staff, O. Röhr,	*Evanston.*
Wang, John J.,	*Minneapolis, Minn.*

DEGREES, PRIZES, AND HONORS FOR THE YEAR 1904-05.

DEGREES CONFERRED IN JUNE, 1905.

HONORARY DEGREES.

Doctor of Laws.

William Fraser McDowell, *a Bishop of the Methodist Episcopal Church.*

Doctor of Sacred Theology.

Charles Joseph Little, *President of Garrett Biblical Institute.*

DEGREES IN COURSE.

Master of Arts.

Abram Laurel Baker,—Thesis: A study of religious literature for the young.

John Barnes,—Thesis: The biblical diction, imagery, and illusion of Shakespeare.

Hester Eliza Benn,—Thesis: Why Balzac is considered the "chef" of the realistic school in spite of his numerous romantic tendencies.

Martin John Berg,—Thesis: Assets Currency.

William Aaron Bessesen,—Thesis: Variations in the ratio of diameters of the normal chest at different ages. The form of the phthisical chest.

Axel Louis Elmquist,—Thesis: Prohibition in Greek dramatic poetry.

Caroline Elizabeth Jaycox,—Thesis: A histological study of the nasal epithelium in mammals.

Taro Kinugawa,—Thesis: The sugar industry in America.

Olinia May Mattison,—Thesis: Influence of the Bible upon Schiller's Räuber.

Frank Miller Rarig,—Thesis: Biblical diction and religious belief in the novels of George Eliot.

Walter Edward Roloff,—Thesis: Beginnings of German influence on English tragedy.

Otto Gustav Ryden,—Thesis: Dedication in Illinois.

Laura Belle Sampson,—Thesis: The treaty of peace between France and the United States, 1801.

Matthew Lyle Spencer,—Thesis: The stage and the theater.

Horace Blake Williams,—Thesis: The psychology of religious authority.

Master of Science.

Guy Gaillard Becknell,—Thesis: On the residual electromotive force of the carbon arc.

George Weston Briggs,—Thesis: Geometry of spheres and cyclides.

Ellen Fatima Clemens,—Thesis: The origin and development of the pulmonary artery in birds.

Edith Dennett,—Thesis: Development of the embyro of a dicotyledon.

Mabel Leininger,—Thesis: Dramatic criticism.

Charles Gilbert Sabin,—Thesis: The origin of the subclavian artery in the chicken.

Florian Edward Schmidt,—Thesis: On the freezing points of blood and urine in pneumonia; with a description of the hematocrit method for blood.

Bachelor of Arts.

Sigurd Edward Anderson,
Florence Winifred Arnold,
Robert Wilson Baird,
Julia Elizabeth Barns,
George Erle Beggs,
Charles Scofield Blair,
Charles Ridgaway Bragdon,
Arthur DeLyons Butler,
Gilbert Haven Cady,
Fannie Campbell,
Hannah Louise Cater,
Jessie Uretta Cox,
Edward Stanley Craven,
Ora Belle Davenport,
Eva Jane Derby,
Harriet Mae Doney,

James William George,
Daisy Myrtle Girton,
Henry Guy Goodsell,
Emma Josephine Haff,
Margaret Sidney Hall,
Lelia Woodbury Harwood,
Cornelia Louise Hauser,
Frances Diantha Hulbert,
Rebecca Jane Hurn,
Dora Ellen Jones,
James Caleb Justice,
Rufus Bernhard Kleinsmid,
Edith Louise Long,
Herbert McDougal,
Grant Gay McChesney,
Morton William Merrell,
Mabel Kathryn Miehle,
Alice Maude Montgomery,
Kathleen Mary Moore,
Max Murdock,
Albert Henry Nash,
Lyman Hull North,
Scott Strickle Nortrup,
Ethlyn Amelia Partridge,
Naomi Willie Pollard,
Abbie Grace Reithard,
Thekla Rompel,
Hazel Marie Schnäbele,
Edith Elmira Shedd,
Alice Ethloine Shurtleff,
Helen Goudy Slocum,
Harriet Evalyn Smith,
Horace Greeley Smith,
Frank Edwin Spencer,
George Marsden Stevens,
Lillian Maude Summers,
Sarah Delia Ulmer,
Margaret Valentine Wax.

Bachelor of Science.

Wentworth Prescott Ayer,
Elmer Francis Blu,
Veva May Brower,
Frank Brown,
Sara Juliet Brown,
Ina Lillian Buswell,
Julius Goodwin Carlson,
Henry Alfred Ernest Chandler,
Perry Harrison Cleveland,
Isabel Cook,
Guy Henry Cox,
Bertha Creek,
Oliver Atwood English,
Eleanor Worthington Falley,
John Porcius Faulkner,
Charles Edwin Fletcher,
Gordon Scott Fulcher,
Webster Eber Gray,
Almon Ansel Greenman,
Earl Wilson Gsell,
David Thomas Hanson,
Alfred Ernest Harris,
Mary Elizabeth Hill,
Oliver Sherman Hubbart,
William Richard Johnson,
Simon Menno Kanagy,
Joseph Edward Keltner,
Julia Inez Kipp,
Lelia Pearl McKenney,
Fred Landin McKinney,
John Massen,
Daisy May Mathis,
Moises Merubia,
Clarence Joseph Miller,
Faye Arnold Moon,
John Tilden Nuttall,
George Thomas Palmer,
Bessie Gertrude Pearce,
Daisy Irene Pearce,
Merritt Nichol Pope,

Albert Louis Ream,
William John Reed,
Charles Nelson Segar,
Olive Ruth Siberts,
Frank Oscar Smith,
Wilhelmine Matilde Sommer,
Bartholomew John Spence,
Harriet Salome Strong,
Emma Jane Thomas,
Estella May Truby,
Granville Howard Twining,
Louis Caulton West,
Jennie Gross Whipple,
Olin Alonzo Wakeman,
Henry James Whitney,
Elizabeth Williams,
Royal Andrew Wilson,
Amelia Thompson Window
Florence Jane Woodworth,
Bernice Works,
Florence Ethel Works,
John Frederick Wulff.

Bachelor of Letters.

Florence Louise Mitchell,

Doctor of Medicine.

Axel Walfrid Anderson, B.S.,
George Washington Anglin, A.B.,
Albert Andrew Ankenbrandt,
Walter Gelvin Bain, A.B.,
Shirley De Vere Barry,
Arthur Earl Beach, LL.B.,
Charles Edwin Beecher,
James Calvert Belsan, A.B.,
Charles Russell Benner,
William Aaron Bessesen, A.B.,
Harry C. Blankmeyer, Ph.G.,
Martin T. Blewett,
Walter May Blowers,
James Henry Boswell, B.S.,
Frank Edson Boyden, Ph.G., B.S.,
Everett Haworth Bradway, A.B.,
George Carl Brandt, D.D.S.,
Earl Brisbin Brooks, B.S.,
Thomas Budge, D.D.S.,
William Martin Burbach,
George Herman Burfiend,
Benjamin Wade Burleigh, A.M.,
Henry Benjamin Carey, B.S.,
Walter Austin Carr,
Harry D. Cartmell,
Ezra Dwight Chase,
Hubert Barton Clapp, M.D.,
Robert Clements,
Clifford M. Cline,
Burr Combs,
George Colville Croston,
John Baker Crouch,
Chester Blaine Crumpacker,
Robert Alexander Cunliffe,
George Hardin Curfman, Ph.B.,
Bert L. Doane, B. S.,
George Aiken Dowling,
Harold Duckett,
James Todd Duncan,
John Sidney Dyer,
George Eugene Egloff,
Frederick Ferdinand Ehlers, D.D.S.,
John Earl Else, Ph.G., B.S.,
Albert H. Fabrique, M.D.,
Walter Jewett Fahrner,
Frederick Ferdinand Fair,
Herman Gustavus Franzen,

Adam John Gates,
John Ernest Gelow, Ph.G.,
John Joseph Gill, Ph.G.,
Alfred William Goebel,
William Verner Gooder,
Joseph Albert Goodrich, Ph.G., B.S.,
Oliver Perry Grant,
J. T. Stewart Hamilton,
Bertrand Maynard Hart, Ph.G., B.S.,
John Paul Hiebert,
Emil J. Hoglund,
Oscar William Holcomb, Ph.G.,
William Arthur Howard,
James Roland Howell,
John E. Hoyt,
Abraham Turner Hubbell, M.D.,
Ray Orvin Hummel, B.S.,
Edward Staton Hymer,
Alfred Frederick Jacobson,
Ralph Ward James,
George Thomas Jordon, B.S.,
Hugo Victor Kahler,
Milton Kay,
William Dennis Keating,
John Edward Kelley,
Frank Otho Kershner, A.B.,
John Elmer Killian,
Hiram Irving King,
Charles Edward Klontz,
William Albert Knoop,
Frederick Karl Kolb,
Alexander Kremers,
William Otterbein Krohn, A.M., Ph.D.,
Robert Agedius Krost, B.S.,
Wesley W. Kuntz,
Guy Wayne Larimer, A.B.,
Raymond Claude Libberton, B.S.,
John Mathew Lilly, A.B.,
Wilhelm Löser,
Daniel Webster Lynch,
Thomas James McCrory,
Lee McElroy, B.S.,
John Singer McEwan,
Francis Martin McGauley,
John Jerome McIntosh,
George Arthur McQuilkin,
William George Magee, M.D.,
Martin Hiram Marken,
George Henry Martin,
David Oscar Mead,
Clyde Avery Medlar,
Heber Kimball Merrill, A.B.,
Harry Herwin Meusel,
Isadore Leon Meyers,
Clarence Minnick,
John Morey,
James Joseph Moran,
Ralph Welty Nauss, B.S.,
George Warren Newell,
Herman Christian Newton, D.D.S.,
George Henry Niemann, Ph.C.,
Charles Philip Norby, M.S.,
Joseph Eugene O'Brien,
David Billings Peck, B.S.,
Frederick William Peterson, A.B.,
Harry Earl Pfeiffer,
John Gilbert Phillips,
Thomas Pollock Ranney,
Roy Charlton Richards,
John Francis Riordan,
Ford B. Rogers,
Charles Edgar Rowe, Ph.G.,
Edward Winfield Rowe, B.S.,
Solomon Francis Rudolf,
Florian Edward Schmidt, B.S.,
George Fred Carl Schroeder, Ph.G.,
John Quincy Adams Scroggy, Ph.G.,

Edward Michael Sheehan,
Van Archibald Smelker,
Charles Gottlieb Stegmayer, Ph.G.,
James Wiley Stribling,
Richard Samuel Thompson,
Willis Guetner Tobey, A.B.,
James Trewhella,
William Thomas Trewyn,
Jake Van Houten,
Harry Albert Vedder,
James Blaine Vedder,
William Jacob Waldschmidt,
Sigismund Franklin Waterman,
Frank Spencer Whitman, M.D.,
Fred S. Williams, M.D.,
Julius Henry Wilson,
Anthony George Wittman,
George Augustus Wood,
Edward Christian Wrightsman, M.D.,
Charles Francis Yerger, Ph.G.

Bachelor of Laws.

Walker Banning,
Josiah Calef Bartlett, A.B.,
George Cuyer Barnes,
Eugene Whitman Bell, B.S.,
Richard Lee Boggs,
Frederic Burnham, A.B.,
Clyde Capron, A.B.,
Arthur Josiah Casebeer,
Robert Burns Clark,
Norris Burt Cline,
Warren Eugene Coman,
Ben Combs,
Jesse Richard Dillard, A.B.,
David Cleveland Dobbin,
Alfred Robert Eggert,
Aaron Rudolph Eppstein,
William R. T. Ewen,
Ernest Reynolds Fifer, B.S.,
Frederick Aaron Freeark, A.B.,
Howard Preston French,
Louis Reginald Fulton, A.B.,
Charles Jacob Herman,
Roy Elrod Howser,
David Dudley Kagy, A.B.,
Harry Chester Lewis,
Henry Schuyler Lighthall,
Myer Linker,
Clarence A. Ludolph,
Cornelius Lynde, A.B.,
Rex MacKenzie, A.B.,
Harry Alvin Martin,
Oscar Moretz Meusel,
Bernard Peter Mueller, LL.B.,
Max Murdock, A.B.,
William A. Oldfield, Ph.B.,
William John Otjen,
Harold Sayre Osborn, A.B.,
John Nash Ott, A.B.,
Arthur Lincoln Penhallow, A.B.,
George Andrew Perrill, B.S.,
Delos Demont Potter,
Walter Quitman,
Charles Henry Robinson,
Harry Moses Rosenblum,
Otto Gustaf Ryden, Ph.B.,
Monte Hanauer Sadler,
Jean Feni Sargent,
Frank Henry Scheiner, Ph.B.,
Felix Harold Schmitt,
Charles Rooney Shultis, A.B.,
Herman Wilmer Stowe, B.S.,
Frank Stephen Stratton,
Amos Aaron Strickland,
George Waltmire,
Charles Ambrose Ward,
Samuel Edwin Webb.

Pharmaceutical Chemist.

Walter Thomas Brean,
William Henry Harrison,
Gustav Stanley Kolar,
George A. McCullen,
Harmon K. Morgan,
Claude J. Musselman,
Samuel R. Robin,
Edward Spear,
Henley L. Thorp.

Graduate in Pharmacy.

Otto Elwood Ayers,
John Snyder Barbee,
Thomas Allen Beans,
Walter Thomas Brean,
Albert Frederick Burhop,
Guy Fred Burket,
Hugh Valentine Burt,
Harry E. Chawgo,
Jay G. Clark,
Ralph C. Crosby,
George M. Dayton,
T. Curry Dedman,
Jetta Byrne Dougherty,
Frank Dubsky,
Delmar Clifford Elliott,
Lee Elrick Ennis,
William Blaine Evernden,
Oran Luther Ferrell,
Albert John Fred Feuerbacher,
Frank Homer Foster,
George Paris Francy,
Roy Clifton Fritts,
James Thomas Fullerton,
Menzis Eli Gilbert,
Max Martin Gordon,
Arthur William Gregg,
Charles Albert Gunning,
William W. Guthrie,
Charles H. Hallett,
Joseph H. Harvey,
William Henry Holke,
William Warren Holliday,
Ira M. Horton,
Henry W. Howe,
Roy Huntley,
Louis William Jaderstrom,
Ernest Jericho,
Ever Johnson,
Carl Cecil Kay,
George T. Keller,
Marcella Geneva Kelly,
John Eugene Kennedy,
Lewis Richard Kierland,
William Kuehn,
Arne E. Lee,
Eric Paul Leishner,
Arthur H. Lewis,
Wayne Foster Locke,
Charles I. Long,
John Drayton Lyons,
Emil Rudolph Felix Maag,
Edmund Mauro,
John Arthur Mayer,
George A. McCullen,
John Murdock McLean,
Lee Nichos Merz,
Bertram M. Meyer,
John H. Mooney,
Claude W. Moors,
Harmon K. Morgan,
Sampson Morris,
Claude J. Musselman,
Fred Winthrop Neill,
Thomas James Nolan,
Mary O'Conner,
Grover Thorpe Pace,

Charles Earl Palmer,
Louis Arthur Pepin,
Charles S. Phalen,
Adolph Puhl,
John Lindsay Pyles,
John Garfield Reay,
James W. Redmond,
Edwin G. Reisl,
Clarence Edward Reister,
John Stephen Roach,
Arthur John Roberts,
Samuel R. Robin,
J. Leonard Ross,
Roger Rugg,
Michael Saccar,
Albert L. Schenk,
William Adolph Schmidt,
Hyman Sime,
Gustav Speetzen,
Shukri Tannus,
James Bradley Taylor,
Walter H. Thompson,
Henley L. Thorp,
Lester Guy Tobie,
James Toynton,
Bert R. Van de Bogart,
H. Russell Vause,
Carl G. Wallbaum,
Charles A. Walz,
Anton Lotharius Wangler,
William Warrington,
Joseph Waterloo,
Virgil D. Weisenberger,
John H. Woelke,
Donald Frazer Wright.

Doctor of Dental Surgery.

John August Adamson,
Samuel Arthur Allen,
George Benoni Amiot,
Clayton Lyman Beach,
Ellis Jay Baikie,
John Willis Beardslee,
Robert Stewart Bettis,
Edwin John Blass,
Albert Herman Adam Blome,
John Hamilton Bowe,
L. Roy Bower,
Charles Barker Boyington,
Clarence Edwin Briggs,
Edgar Hall Briscoe,
Roscoe Bristow,
Jesse Lyman Bronson,
Hilles Talley Brown,
Leonard Granville Brown,
Thomas Wilson Brown,
Clarence Roy Buckley,
Frank Donald Burns,
Walter Rainey Carrington,
Carlos Leonardo Cassell,
Owen Elmer Cassill,
Claude Cecil Chadwick,
Harry Sigfrid Chinberg,
Robert Lane Clark,
Robert R. Clendenen,
Winfield Horace Colby,
Joseph Hickman Collins,
Bishop Albert Conklin,
Alice Corey,
Scott Covalt,
William Nathan Crawford,
Alphonso Charles Crose,
Roy Morton Crouse,
Everett Lodowick Crume,
John James Curran,
James William Daly,
David Hill Danek,
Ernest John Hitt Diffenbacher,
Roy Vance Dillingham,
Frank Leslie Dixon,
Mabel Dixon,

John Joseph Donovan,
Joseph Murray Downey,
Harold Wallace William Duffell,
Chester Silas Dunkle,
Loren Starke Eastman,
Carson Elwood Ellis,
John McDonald Eveleth,
Herbert Macon Fay,
Albert Frederick Fellman,
William Frederick Fiebig,
Willard Harry Fox,
Frederick Sanderson Fritz,
John Joseph Gatons,
Will Warren Gibson,
Percy Osborne Giles,
Thomas Edward Gilmore,
H. LeRoy Gowdy,
James Clinton Grant,
Frederick George Gurley,
Henry Howard Hamman,
Alfred James Harper,
Arthur Otto Haury,
Oscar Edward Heins,
Charles A. Hendrickson, D.V.M.,
Francis Marion Higby,
Carl Asa Hinckley,
Elmer Hugo Hollem,
Warren Kendall Hull,
Leonard Emanuel Hutchinson,
William Wallace Irwin,
Bertram Jackson,
Edward Watkins James,
Raleigh Arthur Jennings,
Ole Jorgen Jensen,
Albert Nellon Johnson,
Harvey Vilelle Jones
Axel Joab Juul,
Joseph Rodney Kagy,
David Kallander,
Rebecca Kallner,
Abraham Harry Kalman,
William Thomas Kane,
Christian Wilhelm Keppler,
Kent Kerch,
Frederick Cassius Knecht,
William Kocher,
Walter William Kohler,
Emil Frederick Kriebel,
Cornelius A. Kuyper,
Forest Palmer LaBounta,
Arthur Charles Lafount,
Hugo Charles Lambach,
Jesse Pitzer Lane,
William Francis Larkin,
David Garnet Leckie,
Gilbert O. Lee,
Elmer Richard Leverton,
Olaf Lohnbakken,
Andrew Vachel Louderback, M.S.,
George Geoffrey Lowes,
Hallett Emmett Lowry,
George Benjamin Luetcher,
Leslie Arthur Lupton,
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Thomas Herbert McCulloch,
Harry LeRoy McDonald,
Thomas Henry McGovern,
Vincent Alexis McGuigan,
Daniel Herbert McKechney,
Archibald Angus McRae,
Leonard Milton Maas,
Philip Frederick Macdonald,
William James Mahaffy,
Harry Orlady Mailer,
Louis Ernest Malkin,
LeRoy B. Manchester,
William Tanner Mann,
Clarence Lee Mason,
George Henry Maxwell,
Ora Levertia Merdker,
William Gardner Meek,
Frank Cary Mendenhall,
Milfred Isaac Merritt,

John B. Miller,
Rollin Virgil Mills,
William James Moe,
Ernest Bedford Monteith,
Francis Asbury Beall Moore,
Virgil Moore,
William Garnet Moore,
John Francis Morrison,
Charles Lawrence Morse,
William Wallace Muir,
Artemus Ward Murphy,
William Lindley Myer,
William Garfield Mylroie,
Enos Clifton Nally,
George Albin Nelson,
John Joseph O'Connell,
Matthew Martin O'Hara,
Olaf J. Olafsson,
Charles Sirenes Omsberg,
John Walter Parker, B.S.,
James Franklin Parks,
Karl B. Paschal,
Franklin Robert Percival,
John Wenzel Peroutky,
Ava Carl Persinger,
Edgar Burns Phelps,
Lee Albert Phillips,
William Henry Plaxton,
Perry Haskell Plummer,
Harley Jay Porter,
Helen Kerns Porter,
S. Birney Powers,
Oscar Charles Prideaux,
Edward A. Prouty,
William Glenn Redmond,
Henry John Andrew Renno,
Thomas Francis Reynolds,
Thomas Lester Rice, D.V.M.,
Daniel Howard Riley,
Harbin Septer Riley,
Ira Henry Risinger,
Mila Charles Roberts,
Fred Mac Robinson,
William Roy Samson,
William Enoch Sargent,
Frank Lyman Sawyers,
Ferdinand Hulbert Scharff,
Edward J. Schnaidt,
Robert Morris Scovel,
Leigh Watts Sherman,
George Earl Siverling,
Frank William Small,
Charles Edgar Smith,
Harold Slayton Smith,
Harry Oscar Smith,
David MacCoil Somerville,
Joseph Edward Soukup,
Harry Albert Sprague,
Walter Stark,
Nels Ludvig Stenberg,
William Henry Stentz,
William Curtis Stewart,
Henry Symes Stimson,
Melvin Menroe Stiner,
Charles Abraham Street,
Earl Glenn Swain,
George Wesley Taylor,
August Hubert Teitgen,
Garrett Henry Tellman,
Rees Lewis Thomas,
Gilbert Clemence Thorsness,
Teel Dow Traveller,
John Trythall,
Charles Malcolm Uglow,
Elmer C. Unbehaun,
Theodore Howard Unland,
Otto Christian Uttech,
Leo Andrew Viersen,
Thomas John Walsh,
Harvey Benson Washburn,
Clarence Kinne Weaver,
Charles Joseph Webster,
Robert Andrew Weir,
Rolland DeWitt Wesley,

Arthur West,
Frederick Victor West,
Carl Edward Whiting,
Holland Ernest Wight,
Thomas Earl Williams,
Clarke Mills Wellson,
John Thurman Wilson, B.M.,
Charles Raphfield Woodworth,
Walter John Wriglesworth,
Mattie Karn Wyman,
Edward Wilson Yackel,

Graduate in Music.

Elias Arnold Bredin,
Bertha Rae Hardin,
Amelia Anna Hoff,
John Mahard Rosborough,
John Gordon Seely.

Erratum—In the catalogue of 1904-05 the name of CHARLES SUMNER MAYO was given in the list of persons receiving the honorary degree of Master of Arts. This name should have read CHARLES HORACE MAYO.

PRIZES AND HONORS FOR THE YEAR 1904-05.

IN THE COLLEGE OF LIBERAL ARTS.

The Kirk Prize, for writing and pronouncing the best English oration: George Parkinson Howard.

The Sargent Prizes, for excellence in Declamation: First prize, Charles Alfred Briggs; second prize, Frederick Leighton Bindhammer.

The Gage Prizes, for excellence in Debate: First prize, John H. Holland; second prize, Fred M. Perrill; third prize, J. H. Walker.

The Harris Prize, in Political and Social Science: George Thomas Palmer.

IN THE MEDICAL SCHOOL.

Special Honors at Graduation.

George Hardin Curfman, *Cum Laude.*
John Baker Crouch, *Cum Laude.*
Guy Wayne Larimer, *Cum Laude.*
Charles Francis Yerger, *Cum Laude.*
George Aiken Dowling, *Cum Laude.*
Oscar William Holcomb, *Cum Laude.*
John Jerome McIntosh, *Cum Laude.*
Henry Benjamin Carey, *Cum Laude.*
Oliver Perry Grant, *Cum Laude.*
Ralph Ward James, *Cum Laude.*
John Singer McEwan, *Cum Laude.*

Hospital Appointments, 1905.

Cook County Hospital.

Ralph Ward James,
George Hardin Curfman,
John Jerome McIntosh,
Guy Wayne Larimer,
George Aiken Dowling,
Charles Francis Yerger,
Robert Agedius Krost,
John Earl Else.

Mercy Hospital.

John Edward Kelley, John Mathew Lilly,
Oscar William Holcomb, Frederick Ferdinand Fair,
Harry Earl Pfeiffer, William Otterbein Krohn,
Walter Jewett Fahrner, Edward Michael Sheehan,
Martin T. Blewett, William Verner Gooder,
George Warren Newell.

Wesley Hospital.

Van Archibald Smelker, John Quincy Adams Scroggy,
Frank Otho Kershner, William George Magee.

St. Luke's Hospital.

William Thomas Trewyn, John Sidney Dyer,
Thomas Pollock Ranney.

Dunning Hospital, Dunning, Illinois.

Isadore Leon Meyers.

Alexian Brothers' Hospital.

Hiram Irving King, George Eugene Egloff.

City Hospital, Blackwell's Island, New York.

John Singer McEwan.

Wabash Employes' Hospital Association.

James S. Trewhella.

Emergency Hospital, Buffalo, New York.

Robert Alexander Cunliffe.

St. Mary's Hospital, Evansville, Indiana.

Florian Edward Schmidt.

Colorado Fuel and Iron Company's Hospital, Pueblo, Colorado.

Bert Lee Doane.

St. John's Hospital, Fargo, North Dakota.

William Aaron Bessesen.

Alexian Brothers' Hospital, Elizabeth, New Jersey.

Lee McElroy, John Paul Hiebert.

Augustana Hospital, Chicago.

Emil J. Hoglund, Sigismund Franklin Waterman.

St. Joseph's Hospital, San Francisco, California.
George Augustus Wood.

Baptist Hospital, Chicago.
Hugo Victor Kahler.

St. Mary's Hospital, Oshkosh, Wisconsin.
Solomon Francis Rudolf.

Lucas Hospital, Toledo, Ohio.
James Todd Duncan.

Harper Hospital, Detroit, Michigan.
J. T. Stewart Hamilton.

St. Francis' Hospital, Wichita, Kansas
Edward Staton Hymer.

St. Anthony's Hospital, Rockford, Illinois.
Charles Edward Klontz.

Chicago Policlinic, Chicago.
Clifford M. Cline.

Provident Hospital, Chicago.
Harry Cartmell.

St. Joseph's Hospital, Joliet, Illinois.
Ray Orvin Hummel.

Passavant Hospital.
Earl Brisbin Brooks, George Henry Martin.

State Board of Health, Springfield, Illinois.
Harry C. Blankmeyer.

German Hospital, Chicago.
William Martin Burbach.

St. Elizabeth's Hospital, Chicago.
Francis Martin McGauley, Alfred William Goebel.

Illinois Charitable Eye and Ear Infirmary.
George Thomas Jordan.

St. Francis' Hospital, Blue Island, Illinois.
Anthony George Wittman.

Milwaukee County Hospital.
Alexander Kremers.

St. Vincent's Hospital, Erie, Pennsylvania.
Albert Andrew Ankenbrandt.

St. Mary's Hospital, Rochester, Minnesota.
Frank Edson Boyden.

Ravn's Hospital, Merrill, Wis.
Charles Edgar Rowe.

People's Hospital, Chicago.
Ralph Welty Nauss.

Chicago Lying-in Dispensary.

Joseph Albert Goodrich,
Frederick Karl Kolb,
John Gilbert Phillips,
George Herman Burfiend,
Charles Philip Norby,
Roy Charlton Richards,
Thomas James McCrory,
Oliver Perry Grant.

Asbury Hospital, Minneapolis, Minnesota.
Ford B. Rogers.

St. Anthony's Hospital, Carroll, Iowa.
Arthur Earl Beach.

St. Augustine Hospital, Minocqua, Wisconsin.
John Francis Riordan.

State Hospital, St. Peter, Minnesota.
John E. Hoyt.

IN THE LAW SCHOOL.

The Callaghan Prize, for the highest scholarship throughout the entire course: Rex MacKenzie.

The Henry Sargent Towle Prize, for proficiency in Public Speaking: First prize, William Harrison Haight; second prize, Charles Edward Swanson.

The Mitchell Davis Follansbee Prize, for the best thesis on Legal Ethics: Norris Burt Cline.

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Vice-President—CARLETON HENRY PENDLETON, '98.
Recording Secretary—ELIZABETH BRAGDON, '00.
Corresponding Secretary—JAMES FRANKLIN OATES, '93.
Treasurer—MERRITT C. BRAGDON, '70.

Executive Committee.

CHARLES W. SPOFFORD, '96. JAMES F. OATES, '93.
ELIZABETH BRAGDON, '00. JOHN L. ALABASTER, '92.
WALTER D. SCOTT, '95.

Directors.

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CHARLES W. SPOFFORD, '96. HARRY H. BROWN, '03.
GEORGE A. FOSTER, '81. ELIZABETH BRAGDON, '00.

TERM EXPIRES 1907.

JAMES F. OATES, '93. JOHN L. ALABASTER, '92.
EBEN P. CLAPP, '81. PARKE BROWN, '04.

TERM EXPIRES 1908.

FRANK E. LORD, '83. JOHN A. BELLOWS, '92.
WALTER D. SCOTT, '95. EDWARD S. CRAVEN, '05.

All graduates of the College of Liberal Arts are eligible to membership in this Association.

The dues of the Association are one dollar a year, and there is no initiation fee. Any member, if he so elects, may pay ten dollars at one time in lieu of all annual dues.

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President—THOMAS J. HOLMES, '85.
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Secretary—MARION HAYES MCKINNEY, '03.
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THE DENTAL SCHOOL.

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Second Vice-President—W. W. JOHNSON.
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Second Vice-President—H. Olin Cady.
Secretary-Treasurer—R. B. Kester.
Assistant Secretary—A. E. Saunders.
Annalist—W. B. Norton.
Executive Committee—S. C. Bronson. T. R. Strobridge, N. H Axtell.

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President—J. Ernest Smiley, 458 Boylston St., Boston, Mass.
Secretary-Treasurer—Walter D. Nash.
Executive Committee—Nathan Barnett, Willis H. Lowe, Samuel D. Gloss.

NORTHWESTERN UNIVERSITY CLUB OF WASHINGTON, D. C.

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Vice-President—Harry Reeve Calkins, Cawnpore.
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Treasurer—Albin Garfield Anderson.
Recording Secretary—Otto H. Crist.
Department Secretary—Henry Stanley Hollenbeck.

PHI BETA KAPPA

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William Abbott Oldfather.

Robert Wilson Baird,
Elizabeth Barns,
George Earle Beggs,
Charles Ridgaway Bragdon.
Benjamin Franklin Brown,
Gilbert Haven Cady,
Jessie Uretta Cox,
Eleanor Worthington Falley,
Gordon Scott Fulcher,
Frances Diantha Hulbert,
Rebecca Jane Hurn,
Edith Louise Long,
John Massen,
Mabel Kathryn Miehle,
Alice Maude Montgomery,
Faye Arnold Moon,
Kathleen Mary Moore,
George Thomas Palmer,
Hazel Marie Schnäbele,
Alice Ethloine Shurtleff,
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Mary T. Wilson.

Term Expires 1907.

Raymond Robins.
James Alton James.
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Elmer L. Scott.
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Term Expires 1908.

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Clara C. Griswold.
Mrs. Raymond Robins.
Mrs. Thomas Balmer.
Mrs. S. Cecil Stanton.
Edward W. Blatchford.

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Frank E. Lord.
Alice M. Houston.
Raymond Robins.

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Recording Secretary—MRS. CHARLES S. RADDIN.

SUMMARY OF STUDENTS.

College of Liberal Arts		913
Graduate Students	59	
Fellows and Resident Graduates	56	
Non-Resident Graduates	3	
Undergraduate Students	854	
Candidates for a Bachelor's Degree	704	
Not Candidates for a Degree	91	
Registered in other departments	59	
Medical School		579
Fourth Year (Senior Class)	126	
Third Year	134	
Second Year	94	
First Year	87	
Unclassified	14	
Special Students	124	
Law School		239
Third Year	65	
Second Year	70	
First Year	81	
Special Students	23	
School of Pharmacy		208
Candidates for the Degree of Master of Pharmacy	2	
Candidates for the Degree of Pharmaceutical Chemist	37	
Candidates for the Degree of Graduate in Pharmacy	152	
Special Students	17	
Dental School		403
Third Year (Senior Class)	117	
Second Year	100	
First Year	154	
Special Students	32	
School of Music		363
Students in Regular Courses	122	
Special Students	241	
		2,705
Deduct names counted twice		145
Total in Degree-Conferring Departments		2,560

Forward		2,560
NON-DEGREE CONFERRING DEPARTMENTS		1,320
The Evanston Academy	512	
School of Music, Preparatory Department	111	
School of Oratory (omitting names entered elsewhere)	187	
Grand Prairie Seminary	310	
Elgin Academy	200	
		3,880
Deduct names counted elsewhere		212
Total in all departments of the University (exclusive of Theological Schools)		3,668
THEOLOGICAL SCHOOLS CO-OPERATING WITH THE UNIVERSITY:		
GARRETT BIBLICAL INSTITUTE	174	
Post Graduates	1	
Degree Course	45	
Diploma Course	100	
Special Students	28	
SWEDISH THEOLOGICAL SEMINARY	31	
NORWEGIAN-DANISH THEOLOGICAL SCHOOL	16	
	221	
Deduct names counted twice	14	
Total in Theological Schools		207
		3,875
Deduct duplicates between Theological Schools and other departments		12
Total for the year 1905-06		3,863

For the Year 1904-05.

Degree-Conferring Departments (exclusive of the Theological Schools and of duplicates)	2,682
Non-Degree Conferring Departments	1,259
Theological Schools (exclusive of duplicates)	175
	4,116
Deduct names counted twice	273
Total for the year 1904-05	3,843

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